



Magyarországi földrengések évkönyve
Hungarian Earthquake Bulletin
2021

Tóth L., Mónus P., Kiszely M., Trosits D.



GeoRisk

Földrengés Mérnöki Iroda ↗ Earthquake Engineering

Budapest



MAGYARORSZÁGI FÖLDRENGÉSEK ÉVKÖNYVE

HUNGARIAN EARTHQUAKE BULLETIN

2021

TÓTH LÁSZLÓ¹, MÓNUS PÉTER¹, KISZELY MÁRTA²,
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BEVEZETÉS

A Pannon-medencében a földrengés aktivitás a lemezperemi területekhez képest mérsékelt, a rengések epicentrumainak eloszlása pedig első pillantásra rendszertelennek látszik. Nehéz eldönteni, hogy a földrengések izolált területeken, vagy szeizmikusan aktív vonalak mentén keletkeznek. Mindenesetre felismerhető néhány terület, ahol viszonylag gyakran fordult elő a múltban földrengés. Ilyenek pl. Eger és környéke, ahol 70 év alatt legalább 16 földrengés és több mint 50 nagyobb utórengés történt. Komárom és Mór környékén, Jászberény, Kecskemét és Dunaharaszti közelében szintén jelentős volt az aktivitás egy-egy bizonyos időszakban. Az alacsony szeizmicitás nem feltétlenül jelenti a földrengések méretének csekélységét: komoly épületkárokat okozó földrengésekről van szó, néhány esetben talajfolyósodást is okozó gyorsulásokkal (pl. 1763 Komárom, M 6.2; 1911 Kecskemét, M 5.6; 1956 Dunaharaszti, M 5.6), esetleg a felszínen is megjelenő töréssel (pl. 1834 Érmellék, M 6.2). Ezek a példák azt mutatják, hogy 6.0-6.5 magnitúdójú rengések lehetségesek, de nem gyakoriak a Pannon-medencében (Tóth et al., 2002a).

A földtudományi kutatás fontos eleme a szeizmicitás vizsgálata, annak megismerése, hogy milyen gyakorisággal, hol és mekkora földrengések keletkeznek, továbbá melyek azok a szeizmotektonikai folyamatok, melyek a földrengéseket létrehozzák.

Az általános ismeretszerzésen túlmenően a földrengés elleni védekezéshez is fontos segítséget nyújt a szeizmicitás pontos ismerete. Egy terület földrengés veszélyeztetettségét csak komplex szeizmológiai, geofizikai, geológiai ismeretek alapján lehet meghatározni. A legfontosabb információ, mely mennyiségileg meghatározza a földrengésveszélyességet, a terület földrengés története, illetve a jelenkori rengések ismerete. Ehhez nyújt kardinális fontosságú segítséget a földrengés monitorozás, a földrengések megfigyelése, mérése és paramétereinek meghatározása.

Magyarországon a földrengésmérő állomások száma és minősége 1995-ben érte el azt a szintet, hogy a lakosság által érzékelt valamennyi rengést a hálózat nagy valószínűséggel detektálja. Ez nagyrészt annak a szeizmikus megfigyelő hálózatnak volt köszönhető, melyet a Paksi Atomerőmű létesített az atomerőmű telephely tágabb környezetében. Ekkor vált lehetővé a lokális földrengések hipocentrumának számítása. A mérőhálózat 2016-ban ismét nagyot fejlődött, öt lyukszeizmográf állomás épült és kezdte meg működését.

Jelen kiadványunk célja és tartalma pontosan az, amit a címe is jelez: évkönyv, melyben megtalálható minden olyan adat és ismeret, melyet az év során a magyarországi földrengésekkel kapcsolatban összegyűjtöttünk. A célterület a 45.5-49.0 É szélesség és 16.0-23.0 K hosszúság által határolt földrajzi tartomány. Reméljük, hogy hasznát látják munkánknak mindazok, akik földtudományi kutatásaikban felhasználói a szeizmicitás adatoknak, de azok is, akik csupán egy-egy földrengéssel kapcsolatos kérdésükre keresnek választ kiadványunkban.

INTRODUCTION

Seismicity in the Pannonian basin is relatively low comparing to the peripherals and the distribution of earthquake epicenters shows a rather scattered pattern at the first glance. It is particularly difficult to decide whether the epicenters occur at isolated places or along elongated zones however, at several single places earthquakes occur repeatedly. For example, near to Eger (47.9 N; 20.4 E) at least sixteen earthquakes with more than fifty greater aftershocks occurred over a time interval of some 70 years. Komárom and Mór area (47.4-47.8 N; 18.2 E), Jászberény (47.5 N; 20.0 E), Kecskemét (46.9 N; 19.7 E) and Dunaharaszti (47.4 N; 19.0 E) also produced significant activity over a certain but limited period of time. Moderate seismicity does not necessarily mean moderate size of earthquakes: reports of major earthquakes often refer to heavy building damage, liquefaction (e.g. 1763 Komárom earthquake, M 6.2; 1911 Kecskemét earthquake, M 5.6; 1956 Dunaharaszti earthquake, M 5.6) and sometimes the possibility of surface fault rupture (e.g. 1834 Érmellék earthquake, M 6.2). These observations indicate that magnitude 6.0-6.5 earthquakes are possible but not frequent in the Pannonian basin (Tóth et al., 2002b).

The study of the recent seismicity is an important element of seismotectonic research. Earthquakes represent the sudden release of slowly accumulated strain energy and hence provide direct evidence of active tectonic processes. However, low and moderate seismicity at intraplate areas generally precludes reliable statistical correlation between epicenters and geological features.

Moreover, as one of the chief contributor to seismic hazard at a given area, detailed knowledge of seismicity also plays an important role in earthquake risk reduction. To be useful, accurately located earthquakes are required. While good information about larger historical earthquakes exists for about the past few hundred years, these are not well enough located. Only modern seismic monitoring networks, capable of locating small magnitude local earthquakes provide the necessary information to close this knowledge gap. The developing database of well-located earthquakes can be used, in one hand, to resolve the tectonic framework and required on the other hand to refine our understanding of the level of seismic risk.

1995 was a milestone in the history of Hungarian seismological observations as the Paks Nuclear Power Plant Ltd. installed a network of high quality digital seismographs. For the first time, this network made it possible to detect and locate small magnitude local seismic events in most parts of the country. In 2016, the network significantly developed again, as five new borehole stations were built and began operations.

The present Earthquake Bulletin is a united annual summary report of all Hungarian earthquake monitoring projects. The information in the Bulletin is based on all available earthquake related data provided by different organizations. The geographic region covered is bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E.

1.

ÖSSZEFOGLALÁS

A 2021. év szeizmikus szempontból összességében átlagosan aktív időszaknak tekinthető Magyarországon. Az érezhető rengések száma is az átlagos körül alakult, hét rengés volt érezhető Magyarországon. Ezek közül kettő epicentruma Horvátország területén, a földrajzi ablakon kívül volt. További két érezhető rengés epicentruma Ausztriában, egy pedig Ukrajnában volt. Az év folyamán 1959 szeizmikus eseményről szereztünk tudomást a 45.5-49.0 É szélességi és 16.0-23.0 K hosszúsági koordináták által határolt területen, amelyek közül 467 volt természetes eredetű földrengés, 1492 pedig robbantás.

Az észlelt földrengések mérete a $-0.1 \leq M_L \leq 4.3$ lokális magnitúdó tartományba esett. A fészekmélység minden esetben sekély (0 – 21 km), jellemzően 6 – 12 km közötti.

A kőbányarobbantások szeizmikus magnitúdói a $0.4 \leq M_L \leq 2.7$ tartományban voltak, a fészekmélységük pedig minden esetben nulla.

Az évben összesen hét olyan földrengés volt, melyet a lakosság is érzett.

A legnagyobb műszeresen meghatározott magnitúdójú rengés 4.3 M_L , míg a legnagyobb földrengés intenzitás, mely Magyarország területén az év folyamán előfordult 4-5 MIS fokozatú volt. Épületkárok egyik földrengés következtében sem keletkeztek.

A rengések mindegyike többé-kevésbé ismert forráshoz köthető. A Vértes hegységben, Komárom – Berhida közé eső területen, a Móri-árok forráshozában most is számos földrengést regisztráltunk. Ennek egyik, nem szeizmotektonikai magyarázata az állomáshálózat fokozott érzékenysége ezen a területen. Jelentős számú földrengés volt Ausztriában, a Bécsi-medencében, elsősorban Bécsújhely környékén. A 2020. december 29-i petrinjai (Horvátország) 6.5 magnitúdójú nagy földrengést több száz kisebb-nagyobb utórengés követte, de ezek nagy része kívül esik a megfigyelt földrajzi ablakon.

1. Január 6-án este 5.4 M_L magnitúdójú földrengés pattant ki Horvátországban. A rengés gyengén érezhető volt Magyarországon is a határ közelében. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.
2. Január 9-én este újabb 4.8 M_L magnitúdójú földrengés pattant ki Horvátországban. A rengés gyengén érezhető volt Magyarországon is a határ közelében. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.
3. Március hónapban tucatnyi kisebb földrengés keletkezett Zala megyében, Nagykanizsa közelében, melyek közül március 2-án éjjel egy 2.6 M_L magnitúdójú rengés enyhén érezhető volt Sormás település környékén. Az epicentrum térségében az intenzitás elérte a 3 fokot a MIS szerint.
4. Ausztriában, Bécsújhely környékén március 30-án délután 4.3 M_L magnitúdójú földrengés pattant ki, mely enyhén érezhető volt Magyarország nyugati területén. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.
5. Április 19-én éjjel újabb érezhető földrengést jelentettek Bécsújhely környékéről. Egy 4.2 M_L magnitúdójú földrengés pattant ki, mely enyhén érezhető volt Magyarország nyugati területén is. Az epicentrum térségében az intenzitás elérte a 4 fokot a MIS szerint.

6. Szeptember 18-án, néhány órán belül négy kisebb földrengés volt Répcelak közelében, melyek közül a legnagyobb 2.8 M_L magnitúdójú. A rengést néhányan érezték, intenzitása 4 MIS fokra becsülhető az epicentrum környezetében. A földrengés csak nagyon kis területen volt érezhető.
7. Október 27-én éjjel 3.2 M_L magnitúdójú földrengés keletkezett Kárpátalján (Ukrajna), Nagyszőlős település közelében. A rengést érezték néhányan Magyarország területén is, a határ közelében. A rengés intenzitása 4 MIS fokra becsülhető az epicentrum környezetében.

1.

SUMMARY

The year 2021 can be considered as an average active period from a seismic point of view in Hungary. The number of felt earthquakes was also around the average, there were seven earthquakes felt in Hungary. The epicenter of two of these was in the territory of Croatia, outside our geographical window. The epicenter of two other felt earthquakes was in Austria and one in Ukraine. Out of the 1959 seismic events located within the area bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E, 467 were identified as natural earthquakes and 1492 were known as explosions, mostly quarry blasts.

The magnitude of the earthquakes were in the range of $-0.1 \leq M_L \leq 4.3$. Each of the earthquakes had shallow (0 – 21 km) focal depth, typically in the range of 6 – 12 km.

The seismic magnitude of the quarry blasts were in the range of $0.4 \leq M_L < 2.7$ with zero focal depth.

There were a total of seven earthquakes in the year that were also felt by the population.

The highest magnitude assigned to a shock was 4.3 M_L while the highest intensity reported during the year was 4-5 IIS. Building damage in Hungarian territory was not caused by any of the earthquakes.

Each of the earthquakes can be linked to a more or less known source zone. We have recorded several earthquakes in the Vértes Mountains, in the area between Komárom and Berhida, in the source zone of the Mór graben. One non-seismotectonic explanation for this is the increased sensitivity of the station network in this area. There have been a significant number of earthquakes in the Vienna Basin in Austria, mainly around Wiener Neustadt. The magnitude 6.5 earthquake in Petrinja, Croatia, on December 29, 2020, was followed by hundreds of major and minor aftershocks, but most of these are outside the monitored geographical window.

1. On the evening January 6, a 5.4 M_L magnitude earthquake occurred in Croatia. The quake was also slightly felt in Hungary near the border. In the area of the epicenter, the intensity reached 5 degrees according to IIS.
2. On the evening January 9, another 4.8 M_L magnitude earthquake occurred in Croatia. The quake was slightly felt in Hungary near the border. In the area of the epicenter, the intensity reached 5 degrees according to IIS.
3. In March, dozens of minor earthquakes occurred in Zala County, near Nagykanizsa. Of these, a quake of magnitude 2.6 M_L was slightly felt around Sormás on the night of March 2. In the area of the epicenter, the intensity reached 3 degrees according to IIS.
4. On the afternoon of March 30, an earthquake of magnitude 4.3 M_L broke out in the Vienna Basin, in the vicinity of Wiener Neustadt. The quake was also slightly felt in the western part of Hungary. In the area of the epicenter, the intensity reached 5 degrees according to IIS.
5. On the night of April 19, another felt earthquake was reported from the vicinity of Wiener Neustadt. A 4.2 M_L magnitude earthquake occurred, which was also slightly felt in the western part of Hungary. In the area of the epicenter, the intensity reached 4 degrees according to IIS.

6. On September 18, within a few hours, there were four minor earthquakes near Répcelak, the largest of which had a magnitude of 2.8 M_L . The quake was felt by some, and its intensity can be estimated at 4 degrees on the IIS in the vicinity of the epicenter. The earthquake was felt only in a very small area.
7. On the night of October 27, an earthquake of magnitude 3.2 M_L occurred in W Ukraine (Transcarpathia), near the settlement of Nagyszőlős. The quake was also felt by some in Hungary, near the border. The intensity can be estimated at 4 degrees on the IIS in the vicinity of the epicenter.

2.

FÖLDRENGÉS MEGFIGYELŐ ÁLLOMÁSOK MAGYARORSZÁGON

2021. évben 31 állandó és elérhető szeizmográf állomás működött Magyarországon, melyek közül öt lyukszeizmográf, huszonhat felszíni állomás. Az állomások közül tizenhatot a GeoRisk Földrengés Mérnöki Iroda Kft., tizenötöt pedig a Kövesligethy Radó Szeizmológiai Obszervatórium (ELKH) üzemeltetett (2.1. Táblázat és 2.1. ábra).

Szélessávú lyukszeizmográf állomások

Az év folyamán 5 modern szélessávú lyukszeizmográf állomás működött (PKB1, PKB2, PKB3, PKB4, PKB5). A PKB2, PKB3, PKB4, PKB5 állomásokon az érzékelő 3 komponenses szélessávú Nanometrics Trillium Posthole szeizmométer, mely 150 m-es béléscsővezetett fúróluk aljára van telepítve. A felszíni aknában elhelyezett digitalizáló, adatgyűjtő és kommunikációs egység Nanometrics Centaur CTR-3.

A PKB1 állomáson párhuzamos mérés folyik a 150 m-es fúrólukban és a felszínen. Güralp Radian Borehole szélessávú lyukszeizmométer és Güralp CMG-40T felszíni szeizmométer csatlakozik a Minimus adatgyűjtőhöz.

Mindegyik állomás internet összeköttetéssel rendelkezik.

Szélessávú felszíni állomások

2021-ben 16 szélessávú felszíni szeizmológiai állomás működött (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PBUD, PSZ, SOP, TIH, TRPA). Az állomások nagy részénél az érzékelő 3 komponenses szélessávú Streckeisen STS-2, illetve STS-2.5 szeizmométer; az érzékelő jele EarthData PS-6-24 digitalizáló egységen át jut a SeisComp szoftverrel felszerelt adatgyűjtő számítógépre. Az AMBH, CSKK, EGYH, LTVH és TIH állomásokon Güralp CMG-3T szeizmométer és Güralp CMG-DM24S3-EAM adatgyűjtő egység található. A PBUD állomáson az érzékelő 3 komponenses szélessávú Nanometrics Trillium Posthole szeizmométer, a digitalizáló, adatgyűjtő és kommunikációs egység Nanometrics Centaur CTR-3.

Mindegyik állomás internet összeköttetéssel rendelkezik.

Rövidperiódusú felszíni állomások

A 10 rövidperiódusú felszíni állomás mindegyike teljesen azonos mérőeszközzel van felszerelve. Mindenhol Güralp CMG-40T rövidperiódusú, 3 komponenses szeizmométer és Güralp CMG-DM24S3-EAM digitalizáló és adatgyűjtő működik, folyamatos regisztrálással.

Mindegyik állomás internet összeköttetéssel rendelkezik.

GeoRisk adatközpont (www.foldrenges.hu)

Az összes mérőállomáson regisztrált adatot egy felhő alapú adatközpontban gyűjtjük és dolgozzuk fel. Az adatok közel valós időben, egy erre a célra kifejlesztett protokoll (SeedLink) felhasználásával jutnak el az adatközpontba. Az adatok átlagos késése a valós időhöz képest 10 másodperc körüli. Minden állomás digitális adataiból napi szeizmogramok készülnek kép formátumban. A képi szeizmogramok egyrészt az érdeklődők tájékoztatását, másrészt a

működés ellenőrzését is szolgálják. Ezek a szeizmogramok is közel valós idejűek.

Az események hullámfázisainak körültekintő manuális kimérése alapján állítjuk össze havonta a fázisadatokat (kimérési adatokat) tartalmazó jelentést. A fázisadatok felhasználásával – a saját adatokat kiegészítve a szomszédos országok szeizmológiai intézményeinek hasonló adataival (2.2. ábra) – havonta eseménylista készül (*Havi Jelentés* és *Havi Földrengés Tájékoztató*), mely a helyi és regionális földrengések hipocentrum adatait tartalmazza.

A mérési adatok, szeizmogramok és a kiértékelés további eredményei nagyrészt nyilvánosan elérhetők az interneten is a www.foldrenges.hu oldalon.

Átlagos zaj- (talajnyugtalanóság) viszonyokat feltételezve a magyarországi szeizmológiai hálózat jelenlegi észlelési képessége $M_L=1.0-2.0$ magnitúdó körül van. Az ország középső részén lényegesen alacsonyabb, a határok környékén kissé magasabb az érzékenységi küszöb. Ez azt jelenti, hogy a lakosság által érzékelt valamennyi rengést a hálózat nagy valószínűséggel detektálja.

HUN-Reng virtuális szeizmológiai hálózat

A kommunikáció fejlődése, a valós idejű adatátvitel és az azonos adatátviteli protokoll (SeedLink) világszerte elterjedt használata lehetővé tette, hogy idegen állomások adatait is fogadjuk közel valós időben ugyanúgy, mint a saját állomásainkét (2.2. Táblázat). Az összes elérhető hazai és külföldi állomások mérési adatainak felhasználásával a földrengések paraméterei még pontosabban, megbízhatóbban számíthatók ki. Ezen kívül a nagyszámú állomás adatához való valós idejű hozzáférés lehetővé tette egy automatikus földrengésjelző rendszer elindítását is. Ez a rendszer automatikusan képes felismerni a földrengéseket, és azok paramétereit néhány percen belül kiszámítja, térképen és listán automatikusan meg is jeleníti. Az online földrengés információ elsősorban gyors tájékoztatásul szolgál (www.foldrenges.hu).

2.

SEISMOGRAPH STATIONS IN HUNGARY

In 2021, there were 31 permanent seismograph stations running and available in Hungary: five borehole stations and twenty six surface stations. Sixteen of the permanent stations were operated by GeoRisk Earthquake Engineering Ltd. and fifteen of them by Kövesligethy Radó Seismological Observatory (ELKH). (Table 2.1 and Fig. 2.1)

Broadband borehole stations

During the year, five modern broadband borehole stations were in operation (PKB1, PKB2, PKB3, PKB4, PKB5). Nanometrics Trillium Posthole 3-component broadband seismometers are installed in the bottom of a 150 m deep steel cased borehole at the PKB2, PKB3, PKB4, PKB5 stations. Nanometrics Centaur CTR-3 digitizers and acquisition systems, along with the communication units are arranged in a small pit.

At PKB1 station, parallel measurements are taking place in the 150 m borehole and on the surface. Güralp Radian Borehole broadband sensor in the hole and Güralp CMG-40T on the surface are connected to the Minimus data acquisition unit.

Each station has a connection to the Internet.

Broadband surface stations

Sixteen broadband surface stations (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PBUD, PSZ, SOP, TIH, TRPA) were running during the year. Most of these stations have Streckeisen STS-2 or STS-2.5 very broadband seismometers as sensors and EarthData PS-6-24 digitizer. Linux PC's with SeisComP software have been used as data acquisition systems. Five stations (AMBH, CSKK, EGYH, LTVH and TIH) are equipped with Güralp CMG-3T seismometer and Güralp CMG-DM24-S3-EAM data acquisition module. Station PBUD has 3C Nanometrics Trillium Posthole seismometer and Nanometrics Centaur CTR-3 digitizer and data acquisition system.

Each station has a connection to the Internet.

Short period surface stations

Each of the ten short period stations has similar hardware. These stations are equipped with Güralp CMG-40T short period seismometers and Güralp CMG-DM24S3-EAM digital acquisition system. Continuous data are recorded at each short period station.

Each station has a connection to the Internet.

GeoRisk Data Centre (www.foldrenge.hu)

All recorded data from each station are transmitted to and processed at a cloud based *Data Centre*. Using digitally recorded data, analogue “live seismograms” are calculated for each station. The main purposes of the “live seismograms” are feeding public interests in one hand, and rapid visualization of the operational status and quality check of the stations on the other.

A careful manual offline analysis is used for event identification and picking the phases on each recorded seismogram. Merging the phase data of the Hungarian network and the same kind of available data sets from neighboring countries, preliminary event lists are calculated on monthly

schedule. Based on technical and operational statistics of the stations, list of local and regional seismic events and their hypocenter information, *Monthly Reports* are compiled.

Data that are collected by the *Data Centre* are published in a variety of formats on the internet at www.foldrenge.hu.

The estimated detection capabilities of the present network with average noise conditions, supposing that at least four stations is needed for origin determination, is typically around 1.0-2.0 M_L , somewhat lower in the middle of the country and a little higher towards the border regions. This means that in most parts of the country it is very unlikely that felt events go undetected.

HUN-Reng Virtual Seismic Network

Development in communication technology and standardized communication protocols, software packages made available to access near real time data of stations beyond the domestic network. SeedLink and SeisComp developed at GEOFON became a kind of standard all over the world. The larger pool of data provided by an extended, “virtual network” of seismic stations helps to have faster and more accurate earthquake locations and parameter determinations. In addition, near real time access to data from large number of stations makes possible to operate automatic rapid earthquake alarm systems. Automatically generated earthquake lists and epicenter maps are the main product of such systems (www.foldrenge.hu). The present configuration of the *HUN-Reng* virtual seismic network is shown in Table 2.2.

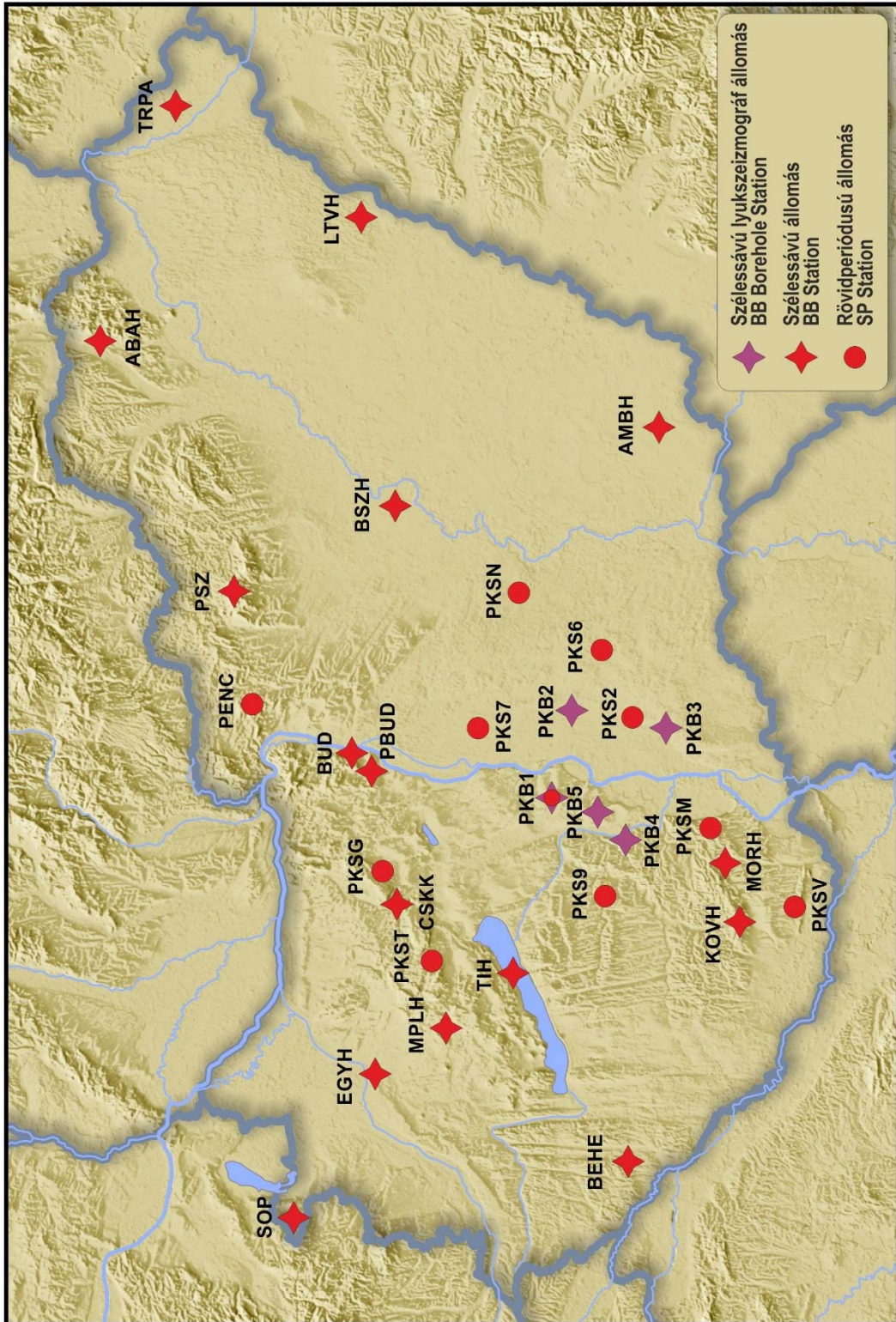
2.1. Táblázat Magyarországi szeizmológiai állomások, műszerek és alapkőzet

Table 2.1. Seismic stations in Hungary, instrumentation and lithology

| Kód Helység Code Location | Szélesség Latitude (N) | Hosszúság Longitude (E) | Magasság Elevation (m) | Alapkőzet Foundation | Állomás típusa Station type (1) | Érzékelő típusa Sensor type (2) | Adatgyűjtő típusa Recording equipment (3) | Szerv. Org. (4) |
|------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------|--|--|--|-----------------------|
| ABAH Abaújkér | 48.2961 | 21.2395 | 173 | kőzet rock | 3C BB | STS-2.5 | CMG-DM24S3- EAM | GGI |
| AMBH Ambrózfalva | 46.3501 | 20.7258 | 91 | üledék alluvium | 3C BB | CMG-3T | CMG-DM24S3- EAM | GGI |
| BEHE Becsehely | 46.4704 | 16.7757 | 298 | üledék alluvium | 3C BB | STS-2 | PS-6-24+ SeisComP PC | GGI |
| BSZH Besenyszög | 47.2996 | 20.2670 | 82 | üledék alluvium | 3C BB | STS-2.5 | PS-6-24 + SeisComP PC | GGI |
| BUD Budapest | 47.4836 | 19.0239 | 196 | dolomit dolomite | 3C BB | STS-2 | PS-6-24+ SeisComP PC | GGI |
| CSKK Csókakő | 47.3631 | 18.2605 | 319 | dolomit dolomite | 3C BB | CMG-3T | CMG-DM24S3- EAM | GGI |
| EGYH Egyházaskesző | 47.4171 | 17.3318 | 225 | kőzet rock | 3C BB | CMG-3T | CMG-DM24S3- EAM | GGI |
| KOVH Kővágóottós | 46.0883 | 18.0999 | 270 | mészkeő limestone | 3C BB | STS-2.5 | PS-6-24 + SeisComP PC | GGI |
| LTVH Létavértes | 47.3849 | 21.9007 | 121 | homok sand | 3C BB | CMG-3T | CMG-DM24S3- EAM | GGI |
| MPLH Magyarpolány | 47.1702 | 17.5395 | 307 | kőzet rock | 3C BB | STS-2.5 | PS-6-24 + SeisComP PC | GGI |
| MORH Mórág | 46.2149 | 18.6435 | 135 | gránit granite | 3C BB | STS-2 | PS-6-24 + SeisComP PC | GGI |
| PBUD Budapest | 47.4656 | 19.0124 | 130 | üledék alluvium | 3C BB | TC20-PH2 | CTR-3 | GR |
| PENC Penc | 47.7905 | 19.2817 | 250 | üledék alluvium | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKS2 Kecel | 46.4920 | 19.2131 | 106 | homok sand | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKB1 Előszállás | 46.7843 | 18.7922 | 178 | üledék alluvium | 3C BB | RB-TR1301 and CMG-40T | Minimus GFOSU | GR |
| PKB2 Akasztó | 46.6744 | 19.2419 | 92 | üledék alluvium | 3C BB | TC20-PH2 | CTR-3 | GR |
| PKB3 Császártöltés | 46.4238 | 19.1949 | 110 | üledék alluvium | 3C BB | TC20-PH2 | CTR-3 | GR |
| PKB4 Kölesd | 46.4963 | 18.6038 | 172 | üledék alluvium | 3C BB | TC20-PH2 | CTR-3 | GR |
| PKB5 Pusztahencse | 46.5950 | 18.7356 | 184 | üledék alluvium | 3C BB | TC20-PH2 | CTR-3 | GR |
| PKS6 Bócsa | 46.5998 | 19.5645 | 120 | homok sand | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKS7 Kunszentmiklós | 47.0473 | 19.1609 | 95 | agyag mud | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKS9 Tamási | 46.5870 | 18.2789 | 240 | löss loess | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKSG Gánt | 47.3918 | 18.3907 | 200 | dolomit dolomite | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKSM Mórág | 46.2119 | 18.6413 | 170 | gránit granite | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |

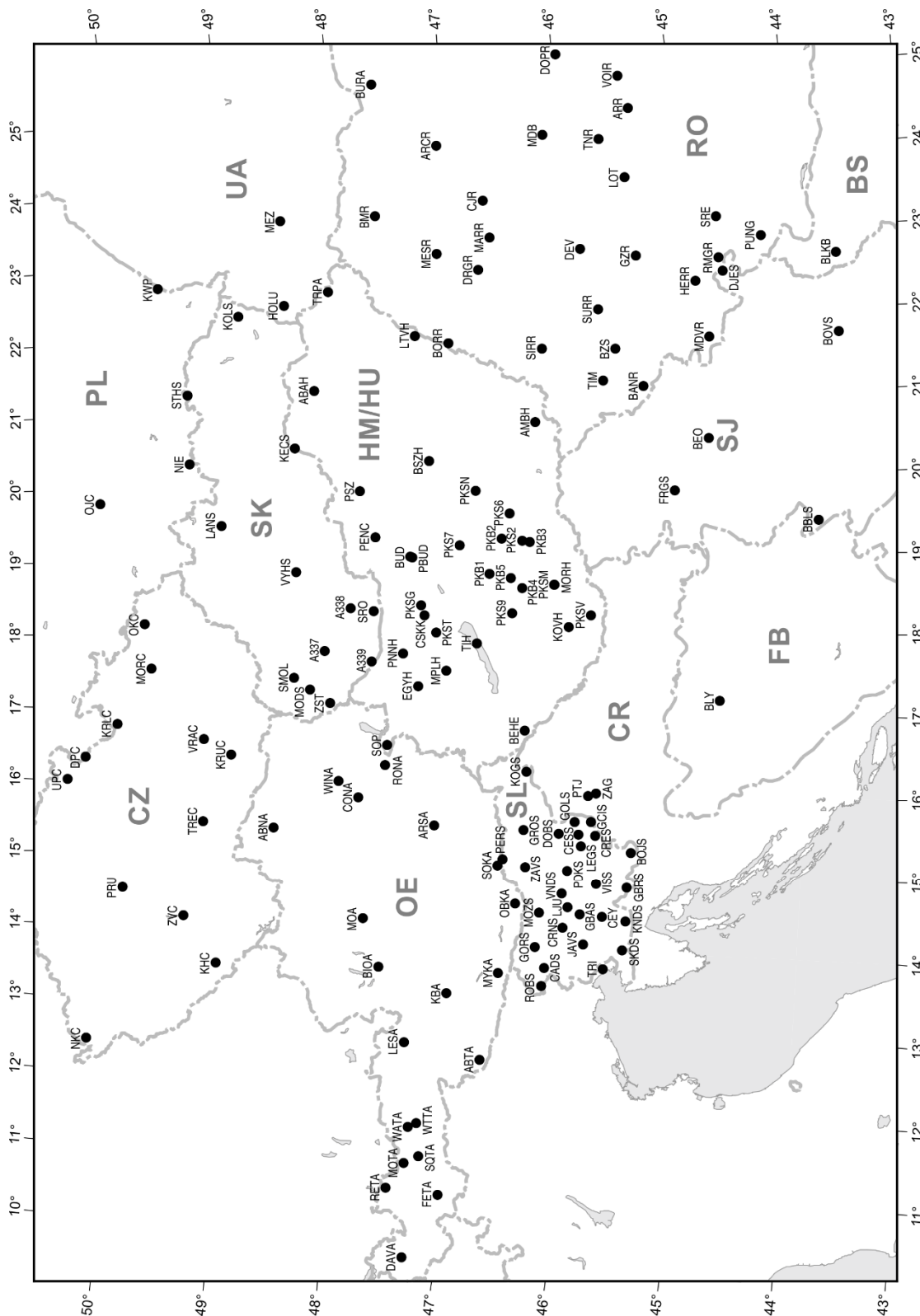
| Kód Helység Code Location | Szélesség Latitude (N) | Hosszúság Longitude (E) | Magasság Elevation (m) | Alapkőzet Foundation | Állomás típusa Station type (1) | Érzékelő típusa Sensor type (2) | Adatgyűjtő típusa Recording equipment (3) | Szerv. Org. (4) |
|------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------|--|--|--|-----------------------|
| PKSN Nyárlőrinc | 46.8970 | 19.8667 | 110 | homok sand | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKST Tés | 47.2590 | 18.0343 | 473 | dolomit dolomite | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PKSV Villány | 45.8885 | 18.2521 | 420 | mészkeő limestone | 3C SP | CMG-40T | CMG-DM24S3- EAM | GR |
| PSZ Piszkéstető | 47.9184 | 19.8944 | 940 | andezit andesite | 3C BB | STS-2 | PS-6-24 + SeisComp PC | GEOFON /GGI |
| SOP Sopron | 47.6833 | 16.5583 | 260 | gneisz gneiss | 3C BB | STS-2 | PS-6-24 + SeisComp PC | GGI |
| TIH Tihany | 46.9001 | 17.8877 | 183 | kőzet rock | 3C BB | CMG-3T | CMG-DM24S3- EAM | GGI/MFGI |
| TRPA Tarpa | 48.1304 | 22.5391 | 113 | andezit andesite | 3C BB | STS-2 | PS-6-24 + SeisComp PC | GGI |

- (1) 3C – 3 komponenses szeizmométer / three component seismometer
 SP – rövid periódusú szeizmométer / short period seismometer
 BB – széles sávú szeizmométer / broad band seismometer
- (2) STS-2 / STS-2.5 – Streckeisen széles sávú szeizmométer / Streckeisen broadband seismometer
 RB-TR1301 – Güralp Radian lyukszeizmométer / Güralp Radian Borehole seismometer
 CMG-40T – Güralp rövidperiódusú szeizmométer / Güralp short period seismometer
 CMG-3T – Güralp széles sávú szeizmométer / Güralp broad band seismometer
 TC20-PH2 – Nanometrics Trillium széles sávú lyukszeizmométer /
 Nanometrics Trillium Compact Posthole broadband seismometer
- (3) PS-6-24 – Earth Data digitalizáló / Earth Data digitizer
 CMG-DM24S3-EAM – Güralp adatgyűjtő / Güralp data acquisition module
 Güralp Minimus 6 csatornás optikai felszíni egység / Minimus GFOSU – Güralp Fiber Optic Surface Unit 6Ch
 SeisComp – GEOFON Seismological Communication Processor
 CTR-3 – Nanometrics Centaur adatgyűjtő / Nanometrics Centaur data acquisition module
- (4) GGI – Köveligethy Radó Szeizmológiai Observatórium / Köveligethy Radó Seismological Observatory
 GR – GeoRisk Földrengés Mérnöki Iroda Kft. / GeoRisk Earthquake Engineering Ltd.
 GEOFON – GEOFON Program GFZ Potsdam / GEOFON Program GFZ Potsdam
 MFGI – Magyar Földtani és Geofizikai Intézet / Geological and Geophysical Institute of Hungary



2.1. ábra Szeizmológiai állomások Magyarországon 2021-ben (részletek: 2.1. Táblázat)

Figure 2.1. Seismograph stations in Hungary in 2021 (See Table 2.1. for details)



2.2. ábra A hipocentrum meghatározáshoz használt szeizmológiai állomások

Figure 2.2. Seismograph stations used for hypocenter determination

2.2. Táblázat HUN-RENG virtuális szeizmológiai hálózathoz felhasznált fizikai hálózatok
Table 2.2. Physical networks used in HUN-RENG virtual seismic network

| Hálózat kódja* Network code* | Az üzemeltető hálózat Operating network |
|---------------------------------|---|
| CU | CariUSGS Caribbean Network USGS, Golden, CO |
| CZ | Czech Seismic Network Geophysical Institute, Czech Academy of Sciences |
| FB | Seismic Network of Federation of Bosnia and Herzegovina |
| GE | GEOFON GEOForschungsNetz (Geo Research Network) |
| GT | Global Telemetered Southern Hemisphere Network USGS Albuquerque Seismological Laboratory |
| HM | GeoRisk Earthquake Engineering, Hungary |
| HU | Hungarian National Seismological Network Kövesligethy Radó Seismological Observatory |
| II | IRIS/IDA Network University of California, Scripps Institute of Oceanography |
| IU | IRIS/USGS Network USGS Albuquerque Seismological Laboratory |
| JP | Japan Meteorological Agency Seismic Network Japan Meteorological Agency Seismic, Tokyo Japan |
| MK | Seismological Observatory Skopje, Republic of Macedonia (MK) |
| MN | MEDNET Istituto Nazionale di Geofisica, Italy |
| MY | Malaysian National Seismic Network Malaysian Meteorological Service |
| NZ | New Zealand National Seismograph Network Institute of Geological & Nuclear Sciences, Wellington, New Zealand |
| OE | Austrian Seismic Network ZAMG - Central Institute for Meteorology and Geodynamics |
| PL | Polish Seismological Network Polish Academy of Sciences, Warsaw |
| RO | Romanian Seismic Network National Institute for Earth Physics, Romania |
| SJ | Serbian Seismological Network Seismological Survey of Serbia |
| SK | Slovak National Seismic Network Geophysical Institute, Slovak Academy of Sciences |
| SL | Slovenia Seismic Network Slovenia Geological Survey, Ljubljana |

*FDSN (International Federation of Digital Seismograph Networks) kód

3.

ESEMÉNYLISTA

ÉS

FÖLDRENGÉS FÉSZÉKPARAMÉTEREK

A FÖLDRENGÉS FÉSZÉKPARAMÉTEREK MEGHATÁROZÁSA

A fészékpáráméterek rutinszerű kiszámításához a többször módosított HYPO71PC programot használtuk (Lee and Lahr, 1975). A kimérés és magnitúdó meghatározás a német GEOFON program és a Gempa GmbH által fejlesztett SeisComP3 programmal történt (Helmholtz-Centre Potsdam - GFZ German Research Centre for Geosciences and gempa GmbH, 2008. The SeisComP seismological software package. GFZ Data Services. doi: 10.5880/GFZ.2.4.2020.003).

A fészékpáráméterek meghatározásánál mind a magyarországi, mind a szomszédos országok állomásainak adatait felhasználtuk. A számításnál az egyes állomások kimérési adatait az epicentrumtól való távolsággal fordított arányban súlyoztuk. Néhány esetben, amikor elegendő P fázis adat állt rendelkezésre, az S fázis adatokat nem használtuk fel.

SEBESSÉGMODELL

A számításnál felhasznált 3 rétegű sebességmodell több száz helyi és közeli földrengés kéregfázis adatain alapul (Mónus, 1995).

| <i>Sebesség (v_P)</i> <i>[km/s]</i> | <i>Mélység</i> <i>[km]</i> | <i>Vastagság</i> <i>[km]</i> | v_P/v_S |
|---|-------------------------------|---------------------------------|-----------|
| 5,60 | 0,0 | 20,0 | 1,78 |
| 6,57 | 20,0 | 11,0 | |
| 8,02 | 31,0 | ∞ | |

3.

LIST OF ORIGINS AND HYPOCENTER PARAMETERS

METHOD FOR HYPOCENTER PARAMETER DETERMINATION

Modified HYPO71PC (Lee and Lahr, 1975) was used for the routine calculation of hypocenter parameters. For phase picking and magnitude determination, the SeisComP3 program developed by Gempa GmbH with the German GEOFON program was used (Helmholtz-Centre Potsdam - GFZ German Research Centre for Geosciences and gempa GmbH, 2008. The SeisComP seismological software package. GFZ Data Services. doi: 10.5880/GFZ.2.4.2020.003).

The hypocenter parameters have been calculated using phase readings of seismological stations from Hungary and from the adjoining countries. However, a distance weighting has been applied, phase data from stations with epicenter distance greater than 300 km have been weighted out. In some cases, when sufficient number of P readings were available, S phase readings were not used in the calculations.

CRUSTAL VELOCITY MODEL

The three-layer crustal velocity model used in the hypocenter calculations has been derived from crustal phase travel times of several hundreds of local earthquakes (Mónus, 1995).

| <i>Velocity (v_P)</i> <i>[km/s]</i> | <i>Depth</i> <i>[km]</i> | <i>Thickness</i> <i>[km]</i> | v_P/v_S |
|---|-----------------------------|---------------------------------|-----------|
| 5.60 | 0.0 | 20.0 | 1.78 |
| 6.57 | 20.0 | 11.0 | |
| 8.02 | 31.0 | ∞ | |

FÖLDRENGÉSEK LISTÁJA / LIST OF EARTHQUAKES

| Nap | Kipattanási idő UTC óó pp mp | Földrajzi koordináták Lat Long | Mélys. (km) | ML | I _{MAX} (MIS) | Helyszín |
|------------------------|------------------------------------|---------------------------------------|----------------|-----|---------------------------|--------------------|
| Day | Origin time UTC hr mn sec | Geographic coordinates Lat Long | Depth (km) | ML | I _{MAX} (IIS) | Locality or Region |
| JANUÁR / JANUARY, 2021 | | | | | | |
| 01 | 1:51:12.3 | 45.678N 18.024E | 5 | 1.6 | - | Croatia |
| 01 | 5:54:49.3 | 46.320N 17.210E | 8 | 1.6 | - | Somogyicsicsó |
| 01 | 11:07:14.8 | 45.530N 16.181E | 4 | 2.7 | - | Croatia |
| 01 | 13:09:02.7 | 45.516N 16.248E | 11 | 2.5 | - | Croatia |
| 01 | 14:02:06.1 | 45.599N 16.125E | 7 | 2.2 | - | Croatia |
| 02 | 0:36:38.7 | 45.775N 18.085E | 8 | 1.6 | - | Cún |
| 02 | 3:00:50.4 | 45.720N 21.650E | 5 | 2.1 | - | Romania |
| 02 | 4:07:30.9 | 45.716N 21.643E | 4 | 2.4 | - | Romania |
| 02 | 4:16:07.3 | 45.680N 21.671E | 11 | 1.9 | - | Romania |
| 02 | 11:39:53.4 | 45.580N 18.062E | 1 | 1.5 | - | Croatia |
| 02 | 22:08:46.0 | 48.412N 22.780E | 13 | 1.9 | - | Ukraine |
| 03 | 8:19:59.0 | 45.833N 16.029E | 5 | 3.0 | - | Croatia |
| 04 | 3:27:50.9 | 45.505N 16.287E | 11 | 2.1 | - | Croatia |
| 04 | 18:25:38.3 | 47.358N 18.292E | 8 | 1.5 | - | Csákberény |
| 05 | 2:36:20.6 | 48.008N 20.505E | 0 | 1.1 | - | Répáshuta |
| 05 | 2:37:55.6 | 48.028N 20.456E | 4 | 1.7 | - | Répáshuta |
| 05 | 2:39:25.5 | 48.049N 20.439E | 8 | 1.5 | - | Bélapátfalva |
| 05 | 2:51:59.9 | 45.505N 16.324E | 14 | 2.0 | - | Croatia |
| 06 | 18:03:36.1 | 45.502N 16.244E | 10 | 2.0 | - | Croatia |
| 08 | 4:21:39.1 | 47.360N 18.228E | 12 | 0.5 | - | Mór |
| 08 | 23:26:06.9 | 45.512N 16.155E | 6 | 2.6 | - | Croatia |
| 10 | 2:13:56.5 | 45.557N 16.087E | 3 | 2.2 | - | Croatia |
| 10 | 6:15:43.5 | 47.828N 16.293E | 18 | 0.7 | - | Austria |
| 11 | 1:13:18.0 | 45.705N 17.969E | 0 | 2.0 | - | Croatia |
| 11 | 20:22:14.0 | 47.340N 18.174E | 6 | 1.7 | - | Balinka |
| 14 | 3:33:32.6 | 45.639N 16.042E | 6 | 2.1 | - | Croatia |
| 15 | 13:22:07.0 | 46.981N 22.301E | 5 | 2.0 | - | Romania |
| 15 | 23:52:30.8 | 47.287N 18.306E | 3 | 0.1 | - | Magyaralmás |
| 16 | 3:00:07.8 | 45.646N 16.079E | 9 | 2.1 | - | Croatia |
| 16 | 5:53:26.6 | 45.574N 16.119E | 8 | 2.6 | - | Croatia |
| 16 | 6:09:31.3 | 45.561N 16.075E | 6 | 2.1 | - | Croatia |
| 16 | 10:18:43.5 | 45.577N 16.009E | 11 | 2.4 | - | Croatia |
| 16 | 17:46:42.4 | 47.396N 18.260E | 5 | 0.9 | - | Mór |
| 17 | 6:14:50.1 | 47.948N 19.214E | 1 | 1.0 | - | Szátok |
| 17 | 23:20:11.6 | 46.096N 18.370E | 10 | 0.6 | - | Pereked |
| 18 | 2:49:30.1 | 45.872N 16.018E | 11 | 2.7 | - | Croatia |
| 19 | 13:18:50.6 | 45.753N 17.962E | 10 | 2.4 | - | Croatia |
| 19 | 13:40:36.8 | 45.694N 20.491E | 12 | 1.7 | - | Serbia |
| 20 | 12:09:49.9 | 45.514N 16.253E | 11 | 2.4 | - | Croatia |
| 20 | 12:30:11.7 | 45.547N 17.193E | 7 | 1.6 | - | Croatia |
| 20 | 22:24:14.8 | 45.661N 18.961E | 6 | 1.4 | - | Serbia |
| 21 | 20:44:12.0 | 45.803N 21.535E | 12 | 1.7 | - | Romania |
| 23 | 22:33:00.3 | 45.711N 17.965E | 5 | 1.5 | - | Croatia |
| 25 | 20:53:06.6 | 45.553N 16.448E | 10 | 2.4 | - | Croatia |
| 27 | 22:53:37.6 | 45.530N 16.082E | 10 | 2.1 | - | Croatia |
| 28 | 8:16:43.6 | 48.663N 18.673E | 10 | 3.8 | - | Slovakia |
| 30 | 1:30:27.0 | 47.357N 18.334E | 9 | 0.1 | - | Csákberény |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------|
| 30 | 1:51:50.3 | 47.439N | 18.271E | 8 | 0.3 | - | Pusztavám |
| 31 | 1:38:42.2 | 47.377N | 18.324E | 12 | 0.2 | - | Csákerény |
| 31 | 2:18:02.1 | 47.124N | 17.719E | 0 | 0.4 | - | Herend |
| 31 | 17:06:54.6 | 45.501N | 16.327E | 12 | 2.6 | - | Croatia |
| 31 | 21:50:58.1 | 45.641N | 16.049E | 9 | 2.4 | - | Croatia |

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| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------|
| 01 | 18:41:05.9 | 45.594N | 16.051E | 11 | 2.9 | - | Croatia |
| 02 | 1:54:53.5 | 46.188N | 16.615E | 3 | 2.2 | - | Croatia |
| 02 | 14:04:37.5 | 46.206N | 16.511E | 9 | 2.3 | - | Croatia |
| 02 | 19:37:45.6 | 48.249N | 17.449E | 10 | 1.5 | - | Slovakia |
| 02 | 22:47:52.1 | 47.893N | 16.326E | 13 | 0.9 | - | Austria |
| 02 | 23:18:28.6 | 46.013N | 17.884E | 12 | 0.9 | - | Rózsafa |
| 05 | 3:30:41.5 | 46.178N | 16.543E | 8 | 2.9 | - | Croatia |
| 06 | 5:02:22.2 | 47.396N | 18.279E | 8 | 0.3 | - | Pusztavám |
| 06 | 20:22:06.4 | 48.663N | 20.283E | 16 | 0.8 | - | Slovakia |
| 07 | 9:06:45.5 | 45.589N | 16.078E | 8 | 3.0 | - | Croatia |
| 07 | 9:10:29.8 | 45.590N | 16.096E | 7 | 2.9 | - | Croatia |
| 07 | 15:06:19.5 | 45.776N | 18.063E | 18 | 0.9 | - | Cún |
| 07 | 15:07:07.6 | 45.770N | 18.073E | 12 | 1.2 | - | Cún |
| 07 | 15:30:31.8 | 45.729N | 18.020E | 9 | 1.7 | - | Croatia |
| 07 | 18:39:13.4 | 45.701N | 18.080E | 11 | 1.5 | - | Croatia |
| 08 | 13:44:32.4 | 45.570N | 16.073E | 6 | 2.5 | - | Croatia |
| 08 | 23:06:57.3 | 45.682N | 17.937E | 3 | 2.8 | - | Croatia |
| 08 | 23:13:32.6 | 45.700N | 17.994E | 1 | 1.8 | - | Croatia |
| 09 | 12:20:32.5 | 45.611N | 17.354E | 12 | 1.8 | - | Croatia |
| 12 | 16:07:11.0 | 47.848N | 16.267E | 6 | 2.4 | - | Austria |
| 12 | 22:05:20.1 | 47.787N | 16.142E | 11 | 0.7 | - | Austria |
| 14 | 4:22:55.5 | 47.640N | 18.133E | 11 | 1.6 | - | Kisigmánd |
| 14 | 11:14:29.9 | 45.687N | 18.003E | 6 | 1.6 | - | Croatia |
| 15 | 2:54:56.2 | 45.761N | 18.047E | 5 | 1.7 | - | Croatia |
| 15 | 9:04:02.6 | 46.433N | 16.450E | 13 | 2.2 | - | Croatia |
| 16 | 12:21:12.5 | 45.626N | 17.318E | 11 | 1.9 | - | Croatia |
| 16 | 13:01:32.6 | 45.566N | 22.328E | 0 | 1.2 | - | Romania |
| 16 | 13:05:34.7 | 45.792N | 18.078E | 17 | 0.9 | - | Cún |
| 16 | 13:12:16.0 | 45.524N | 22.303E | 13 | 1.6 | - | Romania |
| 17 | 22:30:41.6 | 45.600N | 16.075E | 8 | 2.1 | - | Croatia |
| 19 | 11:12:09.6 | 45.523N | 17.837E | 1 | 1.8 | - | Croatia |
| 20 | 2:55:29.1 | 45.798N | 18.088E | 14 | 0.9 | - | Cún |
| 20 | 20:02:14.3 | 45.612N | 16.041E | 8 | 2.2 | - | Croatia |
| 21 | 9:28:11.2 | 46.624N | 21.494E | 1 | 2.0 | - | Romania |
| 22 | 14:36:32.3 | 45.534N | 16.148E | 9 | 2.7 | - | Croatia |
| 23 | 15:22:46.1 | 47.773N | 16.174E | 14 | 1.4 | - | Austria |
| 24 | 4:02:43.8 | 45.588N | 16.071E | 4 | 2.1 | - | Croatia |
| 25 | 0:21:44.4 | 45.736N | 18.044E | 12 | 1.2 | - | Croatia |
| 25 | 10:11:36.7 | 48.396N | 19.091E | 5 | 1.9 | - | Slovakia |
| 26 | 1:58:55.1 | 45.501N | 16.136E | 9 | 2.4 | - | Croatia |
| 27 | 14:24:10.8 | 45.604N | 16.068E | 8 | 2.3 | - | Croatia |
| 27 | 14:25:41.5 | 45.587N | 16.050E | 9 | 2.6 | - | Croatia |
| 27 | 16:32:01.7 | 45.576N | 16.054E | 7 | 2.6 | - | Croatia |
| 27 | 17:26:07.9 | 45.614N | 16.062E | 11 | 2.3 | - | Croatia |
| 27 | 17:27:52.8 | 45.663N | 16.037E | 9 | 2.4 | - | Croatia |
| 27 | 17:29:42.1 | 45.604N | 16.031E | 12 | 2.4 | - | Croatia |
| 28 | 4:33:38.6 | 45.517N | 16.096E | 11 | 2.2 | - | Croatia |
| 28 | 9:36:17.9 | 45.543N | 16.050E | 9 | 2.6 | - | Croatia |

MÁRCIUS / MARCH, 2021

| | | | | | | | |
|----|-----------|---------|---------|----|-----|---|--------|
| 02 | 2:37:06.9 | 46.457N | 16.923E | 10 | 1.6 | - | Sormás |
| 02 | 2:58:57.9 | 46.446N | 16.937E | 10 | 1.8 | - | Sormás |
| 02 | 3:12:28.3 | 46.454N | 16.914E | 14 | 2.6 | 3 | Sormás |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|--------------|
| 02 | 3:13:46.2 | 46.475N | 16.941E | 12 | 2.0 | - | Sormás |
| 02 | 3:16:07.8 | 46.449N | 16.978E | 12 | 1.9 | - | Kiskanizsa |
| 02 | 3:18:26.1 | 46.459N | 16.979E | 10 | 1.9 | - | Nagykanizsa |
| 02 | 3:47:39.7 | 46.493N | 16.983E | 16 | 2.0 | - | Palin |
| 02 | 3:53:10.1 | 46.480N | 16.967E | 9 | 1.5 | - | Palin |
| 02 | 3:54:35.6 | 46.486N | 16.951E | 11 | 1.6 | - | Homokkomárom |
| 02 | 3:56:45.0 | 46.524N | 16.952E | 11 | 1.1 | - | Korpavár |
| 02 | 4:46:34.6 | 46.440N | 16.950E | 12 | 2.2 | - | Kiskanizsa |
| 02 | 10:16:08.0 | 48.528N | 22.987E | 12 | 2.2 | - | Ukraine |
| 03 | 8:01:28.7 | 46.445N | 16.972E | 11 | 2.3 | - | Kiskanizsa |
| 03 | 21:44:44.3 | 45.559N | 16.091E | 3 | 2.0 | - | Croatia |
| 04 | 3:34:03.5 | 46.049N | 17.215E | 6 | 1.8 | - | Croatia |
| 05 | 0:41:21.3 | 47.811N | 17.971E | 16 | 2.0 | - | Croatia |
| 05 | 18:34:17.5 | 45.603N | 18.426E | 9 | 1.2 | - | Croatia |
| 06 | 12:56:56.2 | 45.612N | 16.051E | 11 | 2.3 | - | Croatia |
| 07 | 13:02:19.9 | 45.588N | 16.084E | 4 | 2.3 | - | Croatia |
| 08 | 0:43:30.8 | 46.104N | 18.392E | 1 | 0.1 | - | Szilágy |
| 08 | 1:07:18.9 | 45.606N | 16.100E | 8 | 1.8 | - | Croatia |
| 08 | 21:58:21.0 | 45.736N | 17.926E | 11 | 1.0 | - | Croatia |
| 09 | 1:55:13.6 | 45.588N | 16.059E | 7 | 2.0 | - | Croatia |
| 10 | 1:59:47.7 | 47.671N | 20.304E | 4 | 2.0 | - | Erdőtelek |
| 10 | 17:45:03.2 | 45.671N | 18.059E | 7 | 1.6 | - | Croatia |
| 10 | 17:50:39.7 | 45.781N | 18.066E | 16 | 0.8 | - | Cún |
| 12 | 20:04:33.0 | 45.601N | 16.110E | 6 | 2.6 | - | Croatia |
| 15 | 16:27:06.5 | 45.772N | 18.057E | 12 | 1.4 | - | Cún |
| 15 | 16:43:25.8 | 45.791N | 18.046E | 13 | 1.1 | - | Cún |
| 15 | 19:17:29.1 | 45.582N | 16.069E | 8 | 2.4 | - | Croatia |
| 23 | 14:23:44.7 | 45.566N | 16.098E | 3 | 2.6 | - | Croatia |
| 23 | 22:42:24.3 | 45.607N | 16.047E | 8 | 2.2 | - | Croatia |
| 29 | 21:06:05.4 | 47.331N | 18.227E | 11 | 1.8 | - | Bodajk |
| 30 | 16:25:01.1 | 47.773N | 16.193E | 11 | 4.3 | 5 | Austria |
| 30 | 17:05:01.6 | 47.757N | 16.203E | 13 | 1.6 | - | Austria |
| 30 | 17:08:09.4 | 47.745N | 16.200E | 15 | 1.1 | - | Austria |
| 30 | 17:12:58.3 | 47.718N | 16.187E | 15 | 1.1 | - | Austria |
| 30 | 18:02:45.8 | 47.754N | 16.154E | 12 | 1.6 | - | Austria |
| 30 | 18:29:39.8 | 47.753N | 16.153E | 12 | 0.7 | - | Austria |
| 30 | 21:13:24.3 | 47.765N | 16.169E | 12 | 0.6 | - | Austria |
| 30 | 21:17:04.1 | 47.739N | 16.143E | 14 | 0.8 | - | Austria |
| 30 | 23:26:11.2 | 47.776N | 16.188E | 11 | 0.4 | - | Austria |
| 31 | 7:12:16.2 | 47.863N | 16.038E | 11 | 1.2 | - | Austria |
| 31 | 8:09:40.0 | 45.502N | 18.101E | 16 | 1.5 | - | Croatia |
| 31 | 10:21:57.3 | 47.766N | 16.173E | 12 | 1.9 | - | Austria |

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| | | | | | | | |
|----|------------|---------|---------|----|-----|---|---------|
| 01 | 13:53:03.4 | 45.606N | 17.583E | 14 | 1.5 | - | Croatia |
| 02 | 0:01:00.9 | 46.092N | 17.035E | 10 | 1.9 | - | Croatia |
| 02 | 6:23:31.8 | 47.759N | 16.149E | 9 | 0.6 | - | Austria |
| 02 | 7:40:12.6 | 47.759N | 16.152E | 13 | 1.4 | - | Austria |
| 02 | 20:12:12.3 | 47.778N | 16.159E | 11 | 2.2 | - | Austria |
| 03 | 2:24:27.0 | 47.760N | 16.165E | 13 | 1.2 | - | Austria |
| 03 | 6:59:15.4 | 47.776N | 16.153E | 11 | 1.4 | - | Austria |
| 03 | 13:35:47.8 | 47.754N | 16.176E | 14 | 0.4 | - | Austria |
| 04 | 0:38:47.5 | 45.591N | 21.397E | 11 | 2.5 | - | Romania |
| 04 | 18:34:18.8 | 47.787N | 16.169E | 10 | 2.5 | - | Austria |
| 05 | 4:02:27.8 | 45.565N | 16.061E | 10 | 2.1 | - | Croatia |
| 07 | 15:12:38.4 | 45.519N | 16.022E | 8 | 2.6 | - | Croatia |
| 07 | 15:58:13.0 | 47.754N | 16.150E | 13 | 1.2 | - | Austria |
| 07 | 18:01:56.5 | 47.748N | 16.170E | 13 | 1.0 | - | Austria |
| 09 | 1:51:43.0 | 47.779N | 16.187E | 11 | 2.1 | - | Austria |
| 10 | 1:29:09.7 | 45.936N | 17.367E | 21 | 1.1 | - | Croatia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|------------|
| 10 | 5:18:28.0 | 47.741N | 16.125E | 14 | 1.2 | - | Austria |
| 10 | 23:26:47.3 | 45.820N | 18.397E | 7 | 0.9 | - | Kistapolca |
| 11 | 4:14:29.1 | 45.722N | 21.807E | 10 | 1.2 | - | Romania |
| 11 | 5:04:09.9 | 45.736N | 21.815E | 11 | 1.5 | - | Romania |
| 11 | 6:55:44.8 | 47.781N | 16.181E | 11 | 2.6 | - | Austria |
| 11 | 15:58:06.8 | 46.705N | 22.182E | 10 | 1.5 | - | Romania |
| 12 | 19:19:52.4 | 47.758N | 16.161E | 12 | 1.0 | - | Austria |
| 13 | 20:58:13.7 | 45.541N | 16.024E | 6 | 2.8 | - | Croatia |
| 13 | 20:58:46.3 | 45.569N | 16.076E | 7 | 3.1 | - | Croatia |
| 14 | 19:42:25.0 | 47.773N | 16.313E | 15 | 1.4 | - | Austria |
| 16 | 12:30:42.3 | 46.855N | 22.651E | 10 | 1.8 | - | Romania |
| 16 | 12:54:44.1 | 45.826N | 18.563E | 10 | 1.9 | - | Ivándárda |
| 17 | 15:02:14.7 | 48.257N | 16.082E | 12 | 1.3 | - | Austria |
| 17 | 21:31:34.4 | 47.396N | 18.125E | 4 | 0.3 | - | Nagyveleg |
| 18 | 3:19:10.3 | 47.762N | 16.148E | 10 | 0.9 | - | Austria |
| 19 | 19:18:17.4 | 47.763N | 16.164E | 11 | 1.0 | - | Austria |
| 19 | 22:57:12.0 | 47.780N | 16.201E | 11 | 4.2 | 4 | Austria |
| 19 | 22:58:55.3 | 47.777N | 16.170E | 11 | 2.2 | - | Austria |
| 19 | 23:00:48.2 | 47.796N | 16.166E | 5 | 2.2 | - | Austria |
| 19 | 23:01:26.3 | 47.742N | 16.163E | 13 | 1.4 | - | Austria |
| 19 | 23:05:35.8 | 47.798N | 16.193E | 9 | 2.1 | - | Austria |
| 19 | 23:06:17.4 | 47.799N | 16.190E | 8 | 1.8 | - | Austria |
| 19 | 23:08:06.5 | 47.750N | 16.144E | 13 | 0.8 | - | Austria |
| 19 | 23:10:41.0 | 47.789N | 16.178E | 9 | 1.9 | - | Austria |
| 19 | 23:11:23.8 | 47.805N | 16.191E | 5 | 2.2 | - | Austria |
| 19 | 23:13:10.9 | 47.750N | 16.159E | 13 | 0.9 | - | Austria |
| 19 | 23:18:38.3 | 47.767N | 16.170E | 12 | 1.3 | - | Austria |
| 19 | 23:21:36.0 | 47.768N | 16.164E | 13 | 1.5 | - | Austria |
| 19 | 23:26:24.8 | 47.734N | 16.139E | 15 | 1.1 | - | Austria |
| 19 | 23:33:39.0 | 47.796N | 16.190E | 10 | 0.6 | - | Austria |
| 19 | 23:43:38.0 | 47.796N | 16.198E | 8 | 2.0 | - | Austria |
| 19 | 23:56:24.1 | 47.750N | 16.167E | 14 | 1.0 | - | Austria |
| 19 | 23:59:02.3 | 47.773N | 16.183E | 8 | 0.5 | - | Austria |
| 20 | 0:18:17.0 | 47.760N | 16.167E | 13 | 0.7 | - | Austria |
| 20 | 0:35:02.1 | 47.781N | 16.157E | 9 | 1.2 | - | Austria |
| 20 | 0:55:51.1 | 47.739N | 16.134E | 11 | 0.8 | - | Austria |
| 20 | 1:06:38.9 | 47.788N | 16.169E | 8 | 2.0 | - | Austria |
| 20 | 1:22:16.7 | 47.810N | 16.176E | 6 | 1.7 | - | Austria |
| 20 | 1:28:24.8 | 47.793N | 16.215E | 10 | 2.2 | - | Austria |
| 20 | 1:51:54.1 | 47.753N | 16.157E | 12 | 0.8 | - | Austria |
| 20 | 2:09:25.6 | 47.751N | 16.140E | 12 | 1.0 | - | Austria |
| 20 | 2:49:08.6 | 47.799N | 16.205E | 8 | 1.9 | - | Austria |
| 20 | 3:21:05.6 | 47.748N | 16.142E | 9 | 0.5 | - | Austria |
| 20 | 3:38:48.0 | 47.800N | 16.199E | 9 | 2.2 | - | Austria |
| 20 | 5:16:08.8 | 47.788N | 16.191E | 10 | 2.7 | - | Austria |
| 20 | 7:03:02.2 | 47.749N | 16.146E | 14 | 0.8 | - | Austria |
| 20 | 8:16:09.6 | 47.761N | 16.146E | 12 | 1.0 | - | Austria |
| 20 | 9:28:23.9 | 47.748N | 16.143E | 12 | 0.9 | - | Austria |
| 20 | 11:17:37.5 | 47.751N | 16.140E | 14 | 1.5 | - | Austria |
| 20 | 17:17:40.1 | 47.789N | 16.169E | 9 | 2.2 | - | Austria |
| 20 | 18:23:30.0 | 47.732N | 16.127E | 9 | 0.8 | - | Austria |
| 20 | 19:36:02.3 | 45.750N | 18.044E | 5 | 1.3 | - | Croatia |
| 20 | 21:03:36.3 | 47.752N | 16.146E | 13 | 1.0 | - | Austria |
| 20 | 21:15:39.4 | 45.882N | 16.022E | 8 | 3.3 | - | Croatia |
| 21 | 0:06:09.9 | 47.751N | 16.149E | 13 | 1.0 | - | Austria |
| 21 | 5:10:14.2 | 47.784N | 16.192E | 11 | 2.0 | - | Austria |
| 21 | 5:46:34.7 | 47.752N | 16.139E | 12 | 1.2 | - | Austria |
| 21 | 9:04:05.5 | 47.751N | 16.133E | 13 | 0.9 | - | Austria |
| 21 | 12:39:26.0 | 47.763N | 16.161E | 11 | 1.2 | - | Austria |
| 21 | 19:05:15.8 | 47.753N | 16.155E | 12 | 0.5 | - | Austria |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|------------------|
| 22 | 1:38:28.4 | 47.510N | 19.549E | 8 | 1.5 | - | Dány |
| 22 | 5:49:06.3 | 48.060N | 19.897E | 12 | 1.7 | - | Mátraszele |
| 22 | 16:30:25.5 | 47.758N | 16.140E | 12 | 1.0 | - | Austria |
| 22 | 17:11:37.4 | 47.756N | 16.129E | 13 | 1.1 | - | Austria |
| 22 | 20:25:52.8 | 47.761N | 16.166E | 12 | 0.8 | - | Austria |
| 23 | 15:17:17.7 | 47.784N | 16.195E | 11 | 1.8 | - | Austria |
| 23 | 15:30:07.0 | 47.763N | 16.151E | 13 | 1.0 | - | Austria |
| 23 | 16:30:31.2 | 47.721N | 16.018E | 8 | 3.5 | - | Austria |
| 23 | 16:37:43.9 | 47.688N | 16.014E | 11 | 1.2 | - | Austria |
| 23 | 16:45:37.4 | 47.689N | 16.030E | 11 | 1.1 | - | Austria |
| 23 | 16:46:50.8 | 47.684N | 16.011E | 11 | 0.8 | - | Austria |
| 23 | 16:53:10.3 | 47.697N | 16.001E | 9 | 0.9 | - | Austria |
| 23 | 16:59:57.6 | 47.709N | 16.028E | 10 | 1.5 | - | Austria |
| 23 | 17:03:33.7 | 47.691N | 16.018E | 12 | 1.1 | - | Austria |
| 23 | 17:28:21.6 | 47.696N | 16.008E | 11 | 1.4 | - | Austria |
| 23 | 17:36:44.3 | 47.714N | 16.020E | 8 | 1.7 | - | Austria |
| 23 | 18:51:27.2 | 47.667N | 16.020E | 14 | 0.8 | - | Austria |
| 23 | 22:01:21.3 | 47.708N | 16.006E | 9 | 1.5 | - | Austria |
| 24 | 1:48:50.0 | 47.752N | 16.141E | 12 | 0.7 | - | Austria |
| 24 | 9:30:51.5 | 47.833N | 16.234E | 3 | 3.1 | - | Austria |
| 24 | 11:24:26.2 | 46.554N | 16.640E | 10 | 1.3 | - | Maróc |
| 24 | 11:57:45.2 | 46.483N | 16.657E | 9 | 2.0 | - | Szentmargitfalva |
| 24 | 20:27:10.7 | 45.511N | 16.358E | 15 | 2.0 | - | Croatia |
| 25 | 4:12:24.3 | 47.692N | 16.027E | 11 | 0.9 | - | Austria |
| 25 | 22:26:10.9 | 48.310N | 21.426E | 6 | 1.9 | - | Erdőhorváti |
| 27 | 5:17:00.3 | 45.636N | 18.342E | 10 | 1.1 | - | Croatia |
| 27 | 11:30:06.2 | 45.608N | 16.072E | 4 | 2.8 | - | Croatia |
| 27 | 17:06:48.8 | 47.793N | 16.179E | 10 | 1.8 | - | Austria |
| 27 | 18:41:41.5 | 47.685N | 16.021E | 11 | 1.0 | - | Austria |
| 28 | 3:36:36.3 | 47.752N | 16.133E | 12 | 0.7 | - | Austria |
| 28 | 6:49:54.8 | 45.549N | 16.118E | 5 | 2.5 | - | Croatia |
| 29 | 17:57:22.5 | 45.864N | 17.789E | 18 | 1.1 | - | Markóc |
| 29 | 23:53:00.4 | 46.084N | 21.421E | 15 | 0.9 | - | Romania |
| 30 | 10:19:39.6 | 47.676N | 16.006E | 11 | 0.6 | - | Austria |
| 30 | 13:22:38.1 | 47.689N | 16.015E | 11 | 1.1 | - | Austria |
| 30 | 16:29:36.0 | 47.683N | 16.007E | 9 | 0.6 | - | Austria |
| 30 | 22:33:27.8 | 47.672N | 16.022E | 10 | 0.6 | - | Austria |

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| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------|
| 01 | 8:55:23.2 | 47.739N | 16.135E | 13 | 0.3 | - | Austria |
| 01 | 11:14:42.1 | 47.777N | 16.158E | 11 | 1.5 | - | Austria |
| 01 | 21:43:57.1 | 45.890N | 16.003E | 8 | 2.7 | - | Croatia |
| 02 | 4:49:38.1 | 45.533N | 21.181E | 2 | 1.3 | - | Romania |
| 02 | 9:35:19.4 | 47.734N | 16.118E | 11 | 0.7 | - | Austria |
| 02 | 13:15:11.1 | 47.746N | 16.155E | 14 | 0.9 | - | Austria |
| 02 | 18:49:35.1 | 47.748N | 16.143E | 14 | 0.9 | - | Austria |
| 03 | 3:52:03.7 | 47.783N | 16.246E | 14 | 0.9 | - | Austria |
| 05 | 14:38:09.8 | 47.816N | 16.196E | 12 | 1.2 | - | Austria |
| 05 | 19:32:55.5 | 47.082N | 17.579E | 12 | 1.7 | - | Ajka |
| 08 | 10:03:32.0 | 46.055N | 17.014E | 11 | 2.0 | - | Croatia |
| 08 | 18:34:20.8 | 47.731N | 16.176E | 13 | 0.4 | - | Austria |
| 10 | 9:00:27.1 | 45.563N | 17.285E | 9 | 1.4 | - | Croatia |
| 10 | 15:23:43.7 | 47.753N | 16.138E | 13 | 1.1 | - | Austria |
| 11 | 0:39:50.6 | 45.667N | 21.384E | 16 | 1.3 | - | Romania |
| 13 | 21:06:52.7 | 47.388N | 18.166E | 4 | 0.3 | - | Nagyveleg |
| 14 | 18:18:48.5 | 48.593N | 17.635E | 7 | 1.8 | - | Slovakia |
| 15 | 16:22:35.6 | 45.500N | 16.117E | 6 | 2.8 | - | Croatia |
| 15 | 18:19:50.7 | 45.626N | 16.048E | 8 | 2.3 | - | Croatia |
| 16 | 5:40:31.2 | 46.684N | 22.430E | 4 | 1.5 | - | Romania |
| 19 | 5:03:39.3 | 45.896N | 16.020E | 8 | 2.0 | - | Croatia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|---------|
| 21 | 8:57:55.7 | 45.519N | 17.366E | 9 | 1.5 | - | Croatia |
| 21 | 10:41:42.8 | 45.570N | 17.332E | 13 | 1.4 | - | Croatia |
| 21 | 11:33:23.8 | 45.589N | 17.312E | 9 | 1.6 | - | Croatia |
| 21 | 15:11:47.6 | 47.925N | 16.804E | 6 | 2.5 | - | Austria |
| 21 | 15:17:28.2 | 47.568N | 16.355E | 3 | 0.8 | - | Austria |
| 24 | 6:42:29.6 | 45.531N | 18.379E | 3 | 2.1 | - | Croatia |
| 24 | 14:40:16.2 | 47.930N | 16.757E | 8 | 1.1 | - | Austria |
| 26 | 23:50:23.3 | 47.783N | 16.166E | 11 | 1.4 | - | Austria |
| 28 | 2:47:30.9 | 45.582N | 16.077E | 9 | 1.8 | - | Croatia |
| 28 | 3:52:40.9 | 47.860N | 16.264E | 12 | 0.9 | - | Austria |
| 29 | 20:35:39.9 | 47.746N | 16.142E | 13 | 0.7 | - | Austria |
| 30 | 22:31:52.9 | 45.528N | 18.386E | 6 | 1.6 | - | Croatia |
| 31 | 0:06:34.1 | 47.692N | 16.106E | 8 | 1.0 | - | Austria |
| 31 | 9:12:48.4 | 46.072N | 22.451E | 1 | 1.5 | - | Romania |
| 31 | 19:20:13.8 | 47.891N | 16.272E | 4 | 1.9 | - | Austria |

JÚNIUS / JUNE, 2021

| | | | | | | | |
|----|------------|---------|---------|----|------|---|----------------|
| 03 | 3:26:17.6 | 45.945N | 21.670E | 9 | 1.2 | - | Romania |
| 03 | 7:22:41.7 | 46.355N | 19.008E | 14 | 1.3 | - | Nemesnáduvvar |
| 04 | 0:56:44.8 | 46.181N | 16.070E | 12 | 1.7 | - | Croatia |
| 08 | 1:35:16.1 | 47.394N | 18.274E | 5 | -0.1 | - | Pusztavám |
| 10 | 9:05:37.5 | 45.537N | 17.504E | 16 | 1.6 | - | Croatia |
| 10 | 14:48:14.6 | 47.310N | 18.064E | 12 | 1.1 | - | Szápár |
| 12 | 5:10:03.9 | 47.428N | 18.527E | 7 | 0.9 | - | Vértesszőlős |
| 13 | 0:47:50.4 | 47.753N | 16.156E | 12 | 0.8 | - | Austria |
| 16 | 23:35:44.1 | 46.791N | 18.167E | 3 | 1.8 | - | Nagyberény |
| 18 | 11:39:12.9 | 45.542N | 17.361E | 10 | 1.5 | - | Croatia |
| 18 | 20:45:09.6 | 45.542N | 16.097E | 13 | 1.8 | - | Croatia |
| 19 | 18:04:30.4 | 48.538N | 17.553E | 11 | 1.6 | - | Slovakia |
| 22 | 21:57:03.0 | 45.566N | 18.148E | 1 | 1.8 | - | Croatia |
| 24 | 18:57:36.4 | 45.628N | 21.358E | 14 | 1.4 | - | Romania |
| 25 | 0:52:35.9 | 48.031N | 16.520E | 13 | 1.0 | - | Austria |
| 28 | 0:30:54.2 | 46.045N | 17.010E | 11 | 1.2 | - | Croatia |
| 28 | 7:32:29.1 | 46.941N | 22.743E | 4 | 1.8 | - | Romania |
| 28 | 23:15:32.4 | 47.309N | 18.256E | 8 | 0.2 | - | Fehérvárcsurgó |
| 29 | 10:17:15.4 | 45.591N | 17.275E | 11 | 1.3 | - | Croatia |

JÚLIUS / JULY, 2021

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|------------|
| 01 | 4:23:25.9 | 48.843N | 22.476E | 1 | 1.9 | - | Ukraine |
| 01 | 9:40:01.6 | 48.659N | 19.611E | 3 | 1.8 | - | Slovakia |
| 01 | 17:31:28.6 | 47.831N | 16.249E | 9 | 1.6 | - | Austria |
| 01 | 19:29:35.8 | 48.647N | 19.606E | 6 | 1.6 | - | Slovakia |
| 02 | 14:07:48.2 | 45.833N | 16.798E | 13 | 2.5 | - | Croatia |
| 04 | 22:48:07.2 | 45.578N | 16.096E | 6 | 1.9 | - | Croatia |
| 04 | 22:58:30.0 | 47.832N | 20.545E | 9 | 1.2 | - | Mezőkövesd |
| 07 | 11:46:42.8 | 45.924N | 21.542E | 16 | 1.5 | - | Romania |
| 07 | 18:21:21.5 | 45.552N | 16.087E | 3 | 2.4 | - | Croatia |
| 12 | 13:21:53.6 | 45.869N | 22.719E | 6 | 1.6 | - | Romania |
| 15 | 7:14:20.8 | 48.901N | 20.773E | 4 | 2.0 | - | Slovakia |
| 16 | 2:20:27.8 | 47.413N | 18.281E | 8 | 0.6 | - | Pusztavám |
| 20 | 9:32:37.3 | 45.777N | 17.372E | 14 | 1.9 | - | Croatia |
| 20 | 10:38:14.1 | 45.832N | 17.603E | 16 | 1.3 | - | Croatia |
| 20 | 17:15:30.8 | 47.776N | 16.171E | 11 | 1.5 | - | Austria |
| 21 | 0:35:49.3 | 48.263N | 16.704E | 1 | 1.6 | - | Austria |
| 21 | 9:40:38.1 | 45.601N | 17.261E | 12 | 1.4 | - | Croatia |
| 21 | 10:40:06.7 | 48.259N | 16.720E | 2 | 1.4 | - | Austria |
| 21 | 22:38:58.2 | 48.262N | 16.735E | 4 | 1.5 | - | Austria |
| 23 | 11:26:58.7 | 46.474N | 16.960E | 14 | 1.7 | - | Palin |
| 24 | 20:36:34.9 | 45.513N | 21.230E | 11 | 2.7 | - | Romania |

Hypocenter Parameters

Földrengés paraméterek

AUGUSZTUS / AUGUST, 2021

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------|
| 03 | 12:31:40.5 | 47.720N | 16.005E | 8 | 2.0 | - | Austria |
| 04 | 18:49:01.2 | 48.437N | 17.050E | 11 | 1.2 | - | Slovakia |
| 05 | 16:22:25.0 | 47.489N | 16.694E | 4 | 1.4 | - | Und |
| 07 | 0:58:55.2 | 45.583N | 16.099E | 6 | 2.1 | - | Croatia |
| 07 | 23:09:44.7 | 47.591N | 18.547E | 15 | 0.5 | - | Tarján |
| 09 | 18:11:32.9 | 47.816N | 16.205E | 15 | 0.6 | - | Austria |
| 13 | 8:23:14.4 | 45.509N | 17.972E | 2 | 1.9 | - | Croatia |
| 13 | 13:16:25.9 | 48.359N | 21.777E | 13 | 1.4 | - | Slovakia |
| 15 | 2:10:56.2 | 45.956N | 16.019E | 5 | 2.0 | - | Croatia |
| 17 | 21:07:57.8 | 45.531N | 16.068E | 8 | 2.0 | - | Croatia |
| 18 | 14:22:29.9 | 46.121N | 16.448E | 9 | 2.3 | - | Croatia |
| 19 | 0:22:23.9 | 45.832N | 20.833E | 12 | 1.7 | - | Croatia |
| 19 | 22:36:54.3 | 47.325N | 18.274E | 10 | 0.2 | - | Söréd |
| 20 | 9:20:31.1 | 46.002N | 22.992E | 10 | 1.6 | - | Romania |
| 20 | 18:29:46.1 | 45.535N | 16.089E | 8 | 1.9 | - | Croatia |
| 20 | 21:59:33.4 | 47.749N | 16.144E | 12 | 0.8 | - | Austria |
| 21 | 15:49:56.7 | 47.744N | 16.146E | 14 | 0.8 | - | Austria |
| 28 | 0:45:43.1 | 46.224N | 19.100E | 6 | 1.2 | - | Rém |
| 28 | 12:33:59.4 | 45.550N | 16.407E | 4 | 1.9 | - | Croatia |
| 29 | 6:41:45.5 | 45.896N | 16.024E | 8 | 2.1 | - | Croatia |
| 29 | 21:57:28.6 | 47.785N | 18.133E | 8 | 2.1 | - | Slovakia |
| 30 | 5:15:26.4 | 47.325N | 18.271E | 1 | 0.7 | - | Söréd |
| 31 | 22:41:06.5 | 45.900N | 16.032E | 11 | 1.6 | - | Croatia |

SZEPTEMBER / SEPTEMBER, 2021

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------------|
| 03 | 22:50:17.1 | 47.283N | 18.093E | 9 | 0.8 | - | Tés |
| 04 | 6:27:03.9 | 45.520N | 21.247E | 6 | 1.9 | - | Romania |
| 06 | 20:17:54.9 | 45.828N | 18.199E | 7 | 1.1 | - | Ipacsfa |
| 06 | 21:54:00.6 | 45.820N | 18.199E | 8 | 1.1 | - | Kovácskida |
| 07 | 21:48:39.9 | 48.944N | 18.339E | 1 | 1.5 | - | Slovakia |
| 08 | 7:43:47.7 | 45.658N | 17.271E | 11 | 1.6 | - | Croatia |
| 08 | 13:32:25.6 | 48.570N | 22.922E | 12 | 2.1 | - | Ukraine |
| 09 | 9:13:54.0 | 47.432N | 21.935E | 15 | 2.0 | - | Kokád |
| 09 | 11:07:51.3 | 47.759N | 17.614E | 11 | 2.0 | - | Vámoszabadi |
| 11 | 5:20:34.6 | 48.422N | 17.135E | 9 | 1.3 | - | Slovakia |
| 15 | 0:37:07.9 | 45.835N | 18.342E | 6 | 0.6 | - | Siklósnagyfalu |
| 15 | 8:06:28.7 | 47.790N | 16.154E | 12 | 1.3 | - | Austria |
| 15 | 12:58:31.9 | 46.671N | 18.451E | 12 | 1.1 | - | Pincehely |
| 17 | 4:32:32.2 | 45.924N | 16.040E | 3 | 2.0 | - | Croatia |
| 17 | 15:12:48.5 | 45.515N | 17.676E | 11 | 1.5 | - | Croatia |
| 17 | 16:52:34.3 | 47.724N | 16.126E | 16 | 0.2 | - | Austria |
| 18 | 3:05:00.6 | 47.415N | 16.909E | 8 | 2.2 | - | Csér |
| 18 | 3:07:03.8 | 47.424N | 16.896E | 8 | 2.8 | 4 | Nemesládony |
| 18 | 4:47:05.0 | 47.430N | 16.905E | 9 | 2.7 | - | Csér |
| 18 | 10:45:57.7 | 47.405N | 16.876E | 15 | 1.4 | - | Nemesládony |
| 18 | 18:11:08.2 | 47.449N | 18.288E | 6 | 1.4 | - | Pusztavám |
| 23 | 7:18:30.2 | 48.432N | 19.525E | 6 | 1.6 | - | Slovakia |
| 26 | 2:51:00.4 | 47.282N | 20.148E | 11 | 1.2 | - | Zagyvarékas |
| 26 | 21:19:06.4 | 45.609N | 16.070E | 7 | 2.2 | - | Croatia |
| 28 | 19:59:09.3 | 45.562N | 16.032E | 11 | 2.3 | - | Croatia |
| 29 | 8:22:03.9 | 47.504N | 18.670E | 8 | 1.3 | - | Bicske |
| 30 | 6:32:39.1 | 48.042N | 20.709E | 0 | 1.4 | - | Kisgyőr |

OKTÓBER / OCTOBER, 2021

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-------------|
| 02 | 3:26:01.9 | 47.489N | 17.712E | 12 | 1.5 | - | Sokorópátka |
| 02 | 4:12:14.1 | 46.107N | 17.094E | 11 | 1.4 | - | Croatia |
| 02 | 13:53:48.3 | 47.750N | 16.154E | 14 | 1.0 | - | Austria |
| 03 | 2:15:10.9 | 46.050N | 16.750E | 5 | 1.6 | - | Croatia |
| 03 | 13:41:35.6 | 48.711N | 18.652E | 12 | 1.9 | - | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|--------------|
| 04 | 9:15:12.2 | 45.571N | 17.325E | 11 | 1.6 | - | Croatia |
| 06 | 4:06:29.0 | 48.423N | 17.135E | 6 | 2.1 | - | Slovakia |
| 06 | 16:42:46.4 | 48.691N | 18.625E | 15 | 1.6 | - | Slovakia |
| 07 | 3:38:18.3 | 48.833N | 20.341E | 0 | 0.9 | - | Slovakia |
| 10 | 23:11:53.4 | 45.599N | 19.454E | 8 | 1.6 | - | Serbia |
| 13 | 1:02:12.6 | 48.779N | 19.495E | 1 | 2.2 | - | Slovakia |
| 16 | 23:35:28.5 | 45.924N | 18.618E | 12 | 1.2 | - | Majs |
| 17 | 21:47:41.9 | 48.476N | 17.454E | 7 | 1.3 | - | Slovakia |
| 17 | 23:20:26.1 | 48.099N | 22.639E | 9 | 2.3 | - | Szatmárcseke |
| 18 | 12:33:13.6 | 47.761N | 17.937E | 14 | 1.6 | - | Slovakia |
| 20 | 4:23:53.0 | 47.918N | 18.975E | 12 | 1.3 | - | Kóspallag |
| 20 | 8:14:03.9 | 45.582N | 17.343E | 10 | 1.7 | - | Croatia |
| 21 | 2:14:55.7 | 45.534N | 16.089E | 1 | 2.5 | - | Croatia |
| 22 | 1:02:09.5 | 45.763N | 16.913E | 4 | 1.7 | - | Croatia |
| 22 | 2:02:50.5 | 47.316N | 18.289E | 8 | 0.0 | - | Söréd |
| 22 | 2:05:33.9 | 45.687N | 16.924E | 2 | 1.8 | - | Croatia |
| 22 | 6:00:52.0 | 45.768N | 16.929E | 10 | 1.9 | - | Croatia |
| 22 | 6:51:53.2 | 45.576N | 18.123E | 1 | 1.8 | - | Croatia |
| 22 | 8:17:03.8 | 45.790N | 16.913E | 10 | 1.8 | - | Croatia |
| 23 | 1:31:55.8 | 45.938N | 16.024E | 8 | 1.9 | - | Croatia |
| 25 | 21:52:09.0 | 46.056N | 16.072E | 8 | 2.3 | - | Croatia |
| 27 | 1:44:58.1 | 48.140N | 22.945E | 12 | 3.2 | 4 | Ukraine |
| 31 | 20:31:16.5 | 47.683N | 16.034E | 12 | 0.9 | - | Austria |

NOVEMBER / NOVEMBER, 2021

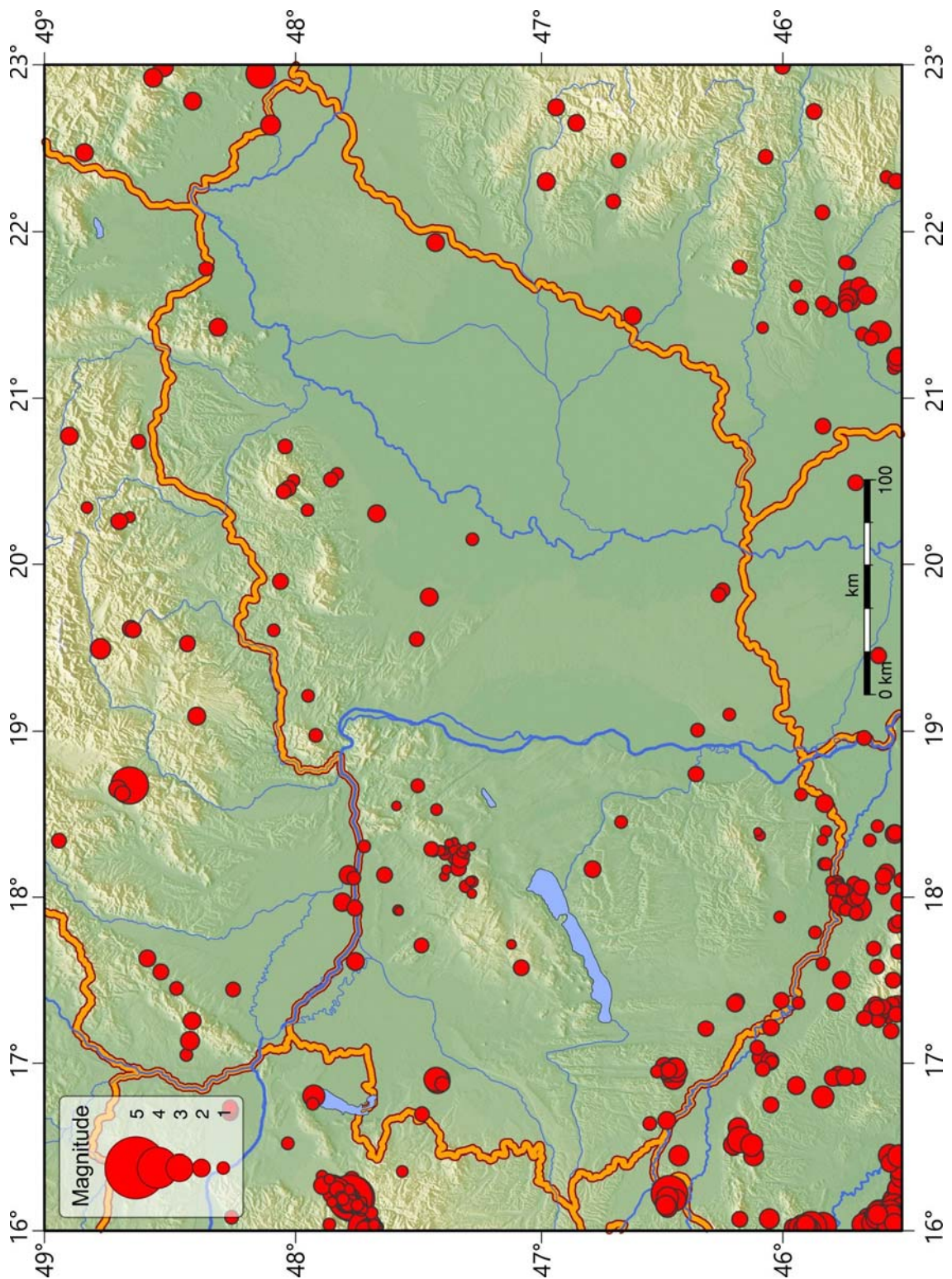
| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------------------|
| 02 | 23:46:21.4 | 45.914N | 16.027E | 4 | 1.4 | - | Croatia |
| 03 | 14:26:01.7 | 45.619N | 17.694E | 17 | 1.5 | - | Croatia |
| 05 | 22:48:21.5 | 47.951N | 20.328E | 3 | 1.2 | - | Egerbakta |
| 09 | 1:06:18.6 | 46.251N | 19.841E | 3 | 1.5 | - | Zákányszék |
| 09 | 1:47:44.6 | 46.269N | 19.813E | 1 | 1.5 | - | Zákányszék |
| 11 | 15:45:08.8 | 45.516N | 17.856E | 16 | 1.3 | - | Croatia |
| 13 | 0:21:09.6 | 46.007N | 17.380E | 3 | 1.7 | - | Péterhida |
| 13 | 13:20:04.6 | 48.627N | 20.740E | 9 | 1.4 | - | Slovakia |
| 14 | 2:54:42.6 | 45.894N | 16.017E | 13 | 1.9 | - | Croatia |
| 14 | 21:07:56.2 | 47.722N | 18.305E | 2 | 1.1 | - | Kótelek |
| 15 | 18:31:40.6 | 45.916N | 16.014E | 5 | 2.1 | - | Croatia |
| 17 | 14:14:22.3 | 46.362N | 18.742E | 12 | 1.6 | - | Szekszárd |
| 18 | 19:53:36.7 | 47.459N | 19.804E | 10 | 1.9 | - | Jászfelsőszentgyörgy |
| 19 | 3:11:09.1 | 47.853N | 16.171E | 14 | 0.6 | - | Austria |
| 19 | 4:40:49.6 | 46.130N | 16.513E | 12 | 2.5 | - | Croatia |
| 22 | 19:42:36.8 | 47.856N | 20.510E | 9 | 1.4 | - | Novaj |
| 25 | 17:42:21.3 | 45.539N | 16.101E | 0 | 2.1 | - | Croatia |
| 26 | 17:27:59.2 | 46.192N | 17.377E | 7 | 1.6 | - | Kivadár |
| 27 | 13:01:03.5 | 45.738N | 16.919E | 8 | 2.0 | - | Croatia |
| 27 | 13:19:46.8 | 45.512N | 16.447E | 0 | 2.4 | - | Croatia |
| 28 | 4:39:19.8 | 47.292N | 18.096E | 13 | 0.4 | - | Bakonycsernye |

DECEMBER / DECEMBER, 2021

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------|
| 02 | 13:56:06.3 | 45.904N | 16.037E | 7 | 2.1 | - | Croatia |
| 02 | 21:58:52.1 | 45.833N | 21.568E | 3 | 1.5 | - | Romania |
| 04 | 10:14:19.5 | 45.602N | 16.097E | 5 | 2.3 | - | Croatia |
| 06 | 17:00:31.1 | 47.864N | 16.308E | 14 | 0.6 | - | Austria |
| 07 | 1:20:54.0 | 45.754N | 17.503E | 15 | 1.9 | - | Croatia |
| 10 | 13:09:56.8 | 45.524N | 17.298E | 8 | 1.7 | - | Croatia |
| 10 | 13:25:04.6 | 48.088N | 19.603E | 5 | 1.2 | - | Magyargéc |
| 10 | 14:47:33.5 | 48.414N | 17.256E | 2 | 2.0 | - | Slovakia |
| 11 | 13:20:05.7 | 46.199N | 17.362E | 2 | 1.8 | - | Kivadár |
| 16 | 7:34:16.4 | 48.705N | 20.256E | 0 | 1.8 | - | Slovakia |
| 16 | 22:07:38.4 | 46.180N | 21.786E | 9 | 1.4 | - | Romania |
| 19 | 8:37:30.9 | 45.533N | 16.046E | 7 | 2.1 | - | Croatia |

Hypocenter Parameters**Földrengés paraméterek**




| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------|
| 21 | 22:17:08.0 | 45.693N | 17.906E | 10 | 1.3 | - | Croatia |
| 22 | 2:51:59.8 | 47.285N | 18.023E | 6 | 0.4 | - | Jásd |
| 24 | 9:28:56.8 | 45.720N | 21.591E | 5 | 2.5 | - | Romania |
| 24 | 17:04:49.7 | 45.648N | 21.617E | 13 | 2.1 | - | Romania |
| 25 | 7:18:20.7 | 46.471N | 16.222E | 7 | 3.7 | - | Slovenia |
| 25 | 7:30:28.1 | 46.449N | 16.183E | 15 | 2.5 | - | Slovenia |
| 25 | 8:23:24.1 | 45.943N | 16.868E | 6 | 2.0 | - | Croatia |
| 25 | 11:56:45.5 | 46.481N | 16.142E | 4 | 2.2 | - | Slovenia |
| 25 | 18:34:02.8 | 46.492N | 16.163E | 8 | 2.1 | - | Slovenia |
| 25 | 19:59:21.7 | 46.084N | 16.968E | 11 | 1.4 | - | Croatia |
| 25 | 22:25:17.3 | 45.728N | 21.598E | 1 | 2.1 | - | Romania |
| 26 | 1:41:00.1 | 45.743N | 21.565E | 14 | 0.8 | - | Romania |
| 27 | 10:20:52.4 | 45.735N | 21.578E | 4 | 1.4 | - | Romania |
| 27 | 11:50:27.0 | 46.480N | 16.195E | 9 | 2.4 | - | Slovenia |
| 27 | 12:15:34.6 | 45.604N | 17.340E | 10 | 1.6 | - | Croatia |
| 27 | 18:07:15.2 | 46.488N | 16.154E | 5 | 2.3 | - | Slovenia |
| 28 | 21:38:03.2 | 45.835N | 22.117E | 8 | 1.4 | - | Romania |
| 30 | 4:39:31.5 | 45.734N | 21.552E | 12 | 1.2 | - | Romania |
| 30 | 18:02:59.7 | 47.808N | 16.191E | 14 | 1.0 | - | Austria |
| 30 | 23:45:26.5 | 47.586N | 17.923E | 13 | 0.7 | - | Tárkány |
| 31 | 2:45:40.3 | 47.581N | 17.920E | 14 | 0.2 | - | Tárkány |
| 31 | 5:36:47.9 | 47.765N | 18.116E | 8 | 1.3 | - | Slovakia |

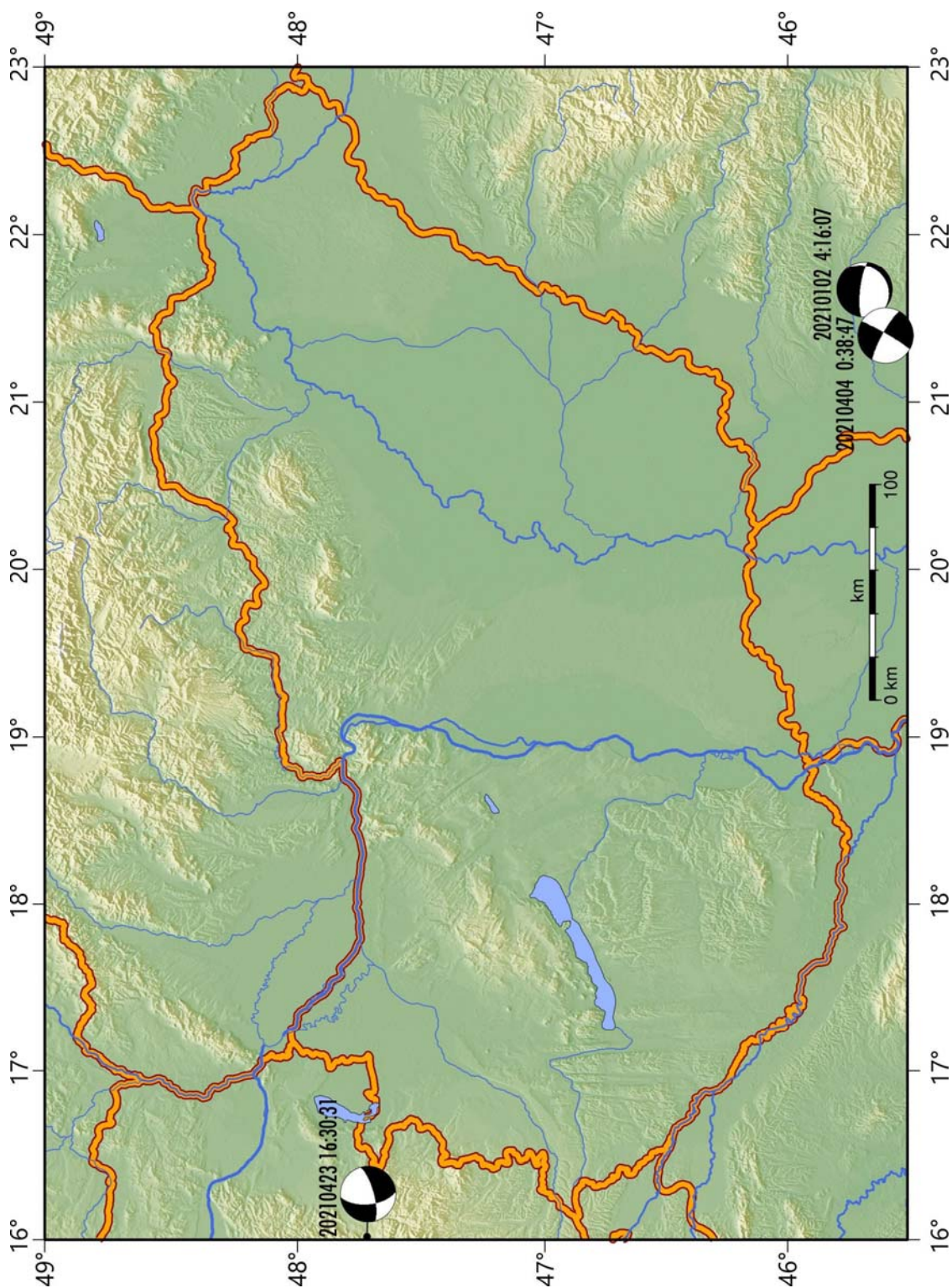


3.1. ábra A 2021-ben regisztrált földrengések epicentrumai

Figure 3.1. Epicenters of 2021 earthquakes

A 2021-ben regisztrált földrengések fészekmechanizmusai
 Fault plane solutions of 2021 earthquakes

| No | Date | Time | Epicentre | | 1st nodal plane | | | P axis | | T axis | | |
|----|------------|----------|-----------|-------|-----------------|-----|------|--------|--------|--------|--------|---|
| | | | Lat | Lon | Strike | Dip | Rake | Azim | Plunge | Azim | Plunge | |
| 1 | 2021.01.02 | 04:16:07 | 45.68 | 21.67 | 45 | 20 | -140 | 206 | 55 | 354 | 31 |  |
| 2 | 2021.04.04 | 00:38:47 | 45.59 | 21.39 | 30 | 85 | -170 | 255 | 11 | 164 | 3 |  |
| 3 | 2021.04.23 | 16:30:31 | 47.72 | 16.01 | 175 | 60 | -160 | 31 | 34 | 127 | 8 |  |



3.2. ábra A 2021-ben regisztrált földrengések fészekmechanizmusai

Figure 3.2. Fault plane solutions of 2021 earthquakes

ROBBANTÁSOK LISTÁJA / LIST OF EXPLOSIONS

| Nap | Kipattanási idő UTC óó pp mp | Földrajzi koordináták Lat Long | ML | Helyszín |
|------------------------|------------------------------------|---------------------------------------|-----|--------------------|
| Day | Origin time UTC hr mn sec | Geographic coordinates Lat Long | ML | Locality or Region |
| JANUÁR / JANUARY, 2021 | | | | |
| 04 | 11:45:22.8 | 48.628N 20.794E | 1.4 | Slovakia |
| 05 | 14:45:41.7 | 47.837N 16.013E | 1.3 | Austria |
| 06 | 8:44:52.2 | 47.212N 18.351E | 0.8 | Székesfehérvár |
| 08 | 10:09:29.6 | 48.594N 20.767E | 1.5 | Slovakia |
| 08 | 14:59:40.0 | 47.903N 20.126E | 1.3 | Recsk |
| 11 | 9:17:42.9 | 47.739N 18.665E | 1.7 | Tokod |
| 12 | 11:45:02.8 | 48.379N 17.426E | 1.8 | Slovakia |
| 12 | 15:03:52.2 | 47.097N 19.390E | 1.6 | Tatárszentgyörgy |
| 13 | 8:07:42.7 | 47.092N 18.015E | 1.2 | Litér |
| 13 | 9:40:11.4 | 47.105N 17.988E | 1.7 | Litér |
| 13 | 10:02:17.3 | 48.595N 20.758E | 1.3 | Slovakia |
| 13 | 14:19:50.5 | 47.103N 19.402E | 1.8 | Örkény |
| 13 | 14:38:08.6 | 47.066N 19.463E | 1.8 | Felsőlajos |
| 14 | 15:07:55.9 | 47.089N 19.415E | 1.8 | Tatárszentgyörgy |
| 14 | 15:23:30.2 | 47.117N 19.360E | 1.8 | Örkény |
| 15 | 9:00:10.7 | 46.126N 18.028E | 1.2 | Bükkösd |
| 15 | 11:30:22.1 | 48.672N 20.800E | 1.2 | Slovakia |
| 18 | 9:53:46.5 | 48.584N 20.724E | 1.4 | Slovakia |
| 18 | 11:00:22.7 | 48.124N 16.951E | 1.6 | Austria |
| 19 | 8:52:40.9 | 47.325N 18.463E | 1.2 | Pátka |
| 19 | 12:09:50.0 | 47.925N 16.106E | 1.1 | Austria |
| 19 | 14:20:51.7 | 47.080N 19.437E | 1.8 | Tatárszentgyörgy |
| 19 | 14:34:45.5 | 47.069N 19.415E | 1.8 | Tatárszentgyörgy |
| 20 | 8:39:31.3 | 45.880N 18.373E | 1.1 | Kisharsány |
| 20 | 9:40:07.0 | 48.164N 21.397E | 1.8 | Bodrogkeresztúr |
| 20 | 10:21:35.2 | 48.577N 20.774E | 1.5 | Tornanádaska |
| 20 | 14:50:46.5 | 47.075N 19.419E | 1.7 | Tatárszentgyörgy |
| 20 | 15:08:42.7 | 47.146N 19.350E | 1.8 | Örkény |
| 20 | 15:24:60.0 | 47.073N 19.423E | 1.8 | Tatárszentgyörgy |
| 21 | 8:29:53.3 | 47.366N 18.451E | 1.6 | Csákvár |
| 21 | 10:09:05.3 | 48.609N 20.735E | 1.6 | Slovakia |
| 21 | 11:34:27.7 | 48.994N 21.250E | 1.8 | Slovakia |
| 21 | 13:19:24.6 | 47.075N 19.438E | 2.2 | Tatárszentgyörgy |
| 21 | 13:43:57.2 | 47.076N 19.470E | 1.9 | Felsőlajos |
| 22 | 8:52:11.8 | 46.291N 22.007E | 1.8 | Romania |
| 22 | 9:16:04.7 | 48.558N 20.760E | 1.3 | Komjáti |
| 22 | 10:11:50.1 | 46.132N 18.021E | 1.1 | Hetvehely |
| 22 | 11:21:22.0 | 47.553N 18.487E | 1.5 | Szárliget |
| 22 | 11:21:43.5 | 47.587N 18.469E | 1.4 | Vérttestolna |
| 22 | 12:51:08.3 | 46.115N 21.689E | 1.6 | Romania |
| 25 | 8:54:12.3 | 48.058N 20.697E | 1.3 | Miskolctapolca |
| 25 | 10:01:08.0 | 47.193N 18.313E | 1.0 | Székesfehérvár |
| 25 | 13:41:19.8 | 46.020N 21.785E | 1.3 | Romania |
| 26 | 8:00:53.9 | 47.269N 18.350E | 1.0 | Sárkeresztes |
| 26 | 10:02:20.4 | 48.587N 20.764E | 1.2 | Slovakia |
| 26 | 10:59:01.7 | 47.832N 19.886E | 1.6 | Gyöngyösoroszi |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|-------------------|
| 26 | 11:00:39.8 | 47.143N | 18.305E | 0.8 | Úrhida |
| 26 | 12:10:49.2 | 47.350N | 17.642E | 1.4 | Csót |
| 26 | 12:15:43.1 | 47.329N | 17.632E | 1.5 | Béb |
| 26 | 12:48:56.9 | 48.383N | 20.632E | 1.0 | Szuhogy |
| 26 | 14:16:37.3 | 47.074N | 19.385E | 1.9 | Tatárszentgyörgy |
| 27 | 9:49:13.5 | 46.201N | 18.281E | 1.2 | Kisbattyán |
| 27 | 10:09:28.3 | 48.599N | 20.735E | 1.5 | Slovakia |
| 27 | 11:19:37.0 | 47.003N | 22.309E | 2.0 | Romania |
| 28 | 8:27:56.5 | 47.325N | 18.432E | 1.5 | Zámoly |
| 28 | 9:41:00.8 | 48.234N | 21.250E | 2.1 | Tállya |
| 28 | 10:07:30.6 | 47.099N | 17.901E | 1.3 | Veszprém |
| 28 | 11:36:18.4 | 46.839N | 17.338E | 1.6 | Lesencefalu |
| 28 | 12:35:29.9 | 48.549N | 21.694E | 1.6 | Slovakia |
| 28 | 13:00:23.2 | 47.070N | 19.438E | 1.8 | Tatárszentgyörgy |
| 28 | 13:24:47.3 | 47.090N | 19.416E | 1.8 | Tatárszentgyörgy |
| 29 | 8:38:39.0 | 47.076N | 18.082E | 1.2 | Papkeszi |
| 29 | 9:46:54.2 | 46.157N | 17.999E | 1.2 | Hetvehely |
| 29 | 10:25:24.5 | 47.102N | 18.024E | 1.8 | Királyszentistván |
| 29 | 10:34:08.9 | 47.449N | 16.274E | 1.9 | Austria |
| 29 | 10:51:41.3 | 46.115N | 18.050E | 1.2 | Bükkösd |

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| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 01 | 10:00:42.9 | 48.312N | 21.508E | 1.5 | Hercegkút |
| 01 | 11:21:31.0 | 47.532N | 18.688E | 1.6 | Mány |
| 01 | 11:24:01.5 | 48.792N | 20.755E | 1.7 | Slovakia |
| 02 | 7:57:32.4 | 47.333N | 18.479E | 1.3 | Lovasberény |
| 02 | 7:58:59.4 | 47.946N | 16.055E | 0.8 | Austria |
| 02 | 9:13:55.4 | 47.306N | 17.607E | 1.2 | Homokbödöge |
| 02 | 9:18:48.6 | 47.344N | 18.465E | 1.5 | Lovasberény |
| 02 | 10:10:57.8 | 48.597N | 20.779E | 1.6 | Slovakia |
| 02 | 10:59:25.7 | 47.233N | 18.274E | 0.6 | Iszkaszentgyörgy |
| 03 | 10:41:35.0 | 48.899N | 21.060E | 1.9 | Slovakia |
| 03 | 11:00:03.2 | 48.139N | 16.916E | 1.8 | Austria |
| 04 | 10:17:01.3 | 48.626N | 20.692E | 1.5 | Slovakia |
| 04 | 11:00:03.8 | 48.164N | 16.942E | 1.4 | Austria |
| 04 | 11:41:54.9 | 46.069N | 22.083E | 1.5 | Romania |
| 04 | 13:05:43.3 | 47.878N | 16.073E | 1.4 | Austria |
| 05 | 8:36:21.0 | 48.053N | 20.741E | 1.2 | Miskolctapolca |
| 05 | 9:48:27.6 | 47.067N | 18.050E | 1.5 | Balatonfűzfő |
| 05 | 10:12:28.0 | 47.191N | 18.291E | 0.6 | Sárkeszi |
| 05 | 10:22:49.8 | 48.214N | 18.756E | 1.1 | Slovakia |
| 05 | 12:35:44.3 | 46.144N | 16.374E | 2.0 | Croatia |
| 05 | 13:41:11.0 | 46.853N | 22.795E | 1.7 | Romania |
| 06 | 9:30:08.3 | 48.091N | 19.601E | 1.2 | Magyargéc |
| 08 | 9:33:35.5 | 48.597N | 20.753E | 1.5 | Slovakia |
| 08 | 9:45:00.3 | 46.126N | 18.012E | 1.7 | Bükkösd |
| 08 | 10:10:50.7 | 47.577N | 18.453E | 1.3 | Tatabánya |
| 08 | 10:48:43.8 | 47.859N | 16.025E | 1.0 | Austria |
| 08 | 13:54:14.2 | 47.903N | 16.470E | 1.6 | Austria |
| 09 | 8:20:07.2 | 45.961N | 22.359E | 1.7 | Romania |
| 09 | 8:46:12.9 | 47.332N | 18.455E | 1.5 | Zámoly |
| 09 | 10:11:58.9 | 48.701N | 19.896E | 1.6 | Slovakia |
| 09 | 10:29:58.8 | 48.804N | 21.228E | 1.7 | Slovakia |
| 09 | 10:35:51.9 | 47.890N | 16.092E | 1.4 | Austria |
| 09 | 11:58:51.1 | 48.675N | 21.489E | 1.8 | Slovakia |
| 09 | 12:57:49.7 | 48.404N | 17.296E | 1.5 | Slovakia |
| 10 | 9:39:03.5 | 48.523N | 20.792E | 1.2 | Tornaszentandrás |
| 10 | 10:06:04.4 | 47.191N | 18.289E | 0.8 | Sárkeszi |
| 10 | 10:58:56.8 | 48.620N | 20.764E | 1.5 | Slovakia |
| 11 | 9:09:31.2 | 47.648N | 19.179E | 1.7 | Dunakeszi |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 12 | 7:58:34.5 | 47.579N | 18.426E | 1.2 | Tatabánya |
| 15 | 9:29:06.0 | 48.070N | 20.682E | 1.4 | Bükkszentlászló |
| 16 | 8:48:47.2 | 47.339N | 18.448E | 1.6 | Zámoly |
| 16 | 9:00:29.6 | 46.314N | 22.006E | 1.9 | Romania |
| 16 | 9:04:11.4 | 48.367N | 19.028E | 1.4 | Slovakia |
| 16 | 10:58:14.8 | 48.129N | 21.365E | 1.4 | Tarcal |
| 16 | 14:09:29.1 | 47.067N | 19.485E | 1.6 | Felsőlajos |
| 16 | 14:29:37.1 | 46.051N | 22.079E | 1.3 | Romania |
| 17 | 8:30:20.1 | 45.857N | 18.409E | 1.3 | Nagyharsány |
| 17 | 8:58:53.3 | 47.097N | 18.002E | 1.2 | Litér |
| 17 | 14:17:33.0 | 47.087N | 19.417E | 1.9 | Tatárszentgyörgy |
| 17 | 14:37:09.4 | 47.098N | 19.411E | 1.8 | Örkény |
| 18 | 9:02:25.7 | 48.588N | 20.776E | 1.5 | Slovakia |
| 18 | 9:10:07.3 | 47.319N | 18.476E | 1.6 | Pátka |
| 18 | 10:14:30.9 | 47.191N | 18.315E | 1.0 | Székesfehérvár |
| 18 | 11:00:36.8 | 48.173N | 16.899E | 1.6 | Austria |
| 18 | 11:02:31.0 | 45.717N | 22.070E | 1.1 | Romania |
| 18 | 13:30:34.1 | 47.078N | 19.394E | 1.8 | Tatárszentgyörgy |
| 18 | 13:55:07.2 | 47.095N | 19.406E | 2.0 | Tatárszentgyörgy |
| 19 | 7:55:32.4 | 47.023N | 18.013E | 1.3 | Balatonalmádi |
| 19 | 9:39:11.7 | 48.598N | 20.818E | 1.4 | Slovakia |
| 19 | 12:01:19.3 | 48.377N | 19.843E | 1.4 | Slovakia |
| 19 | 13:26:26.3 | 46.112N | 21.695E | 1.3 | Romania |
| 22 | 9:47:24.1 | 48.687N | 20.400E | 1.5 | Slovakia |
| 22 | 9:48:17.2 | 47.335N | 18.415E | 1.4 | Zámoly |
| 22 | 9:49:42.1 | 45.625N | 17.338E | 1.9 | Croatia |
| 22 | 11:35:42.7 | 47.566N | 18.442E | 1.5 | Tatabánya |
| 22 | 12:13:37.8 | 47.883N | 16.069E | 1.1 | Austria |
| 23 | 7:56:31.2 | 47.326N | 18.297E | 0.9 | Söréd |
| 23 | 9:28:42.3 | 47.332N | 18.415E | 1.6 | Zámoly |
| 23 | 10:00:42.6 | 47.855N | 19.103E | 1.3 | Szendehely |
| 23 | 10:10:41.2 | 48.211N | 21.253E | 1.9 | Mád |
| 23 | 10:38:34.2 | 47.206N | 18.263E | 0.8 | Csór |
| 23 | 11:01:59.2 | 48.421N | 18.438E | 1.5 | Slovakia |
| 23 | 15:12:29.2 | 47.072N | 19.409E | 1.8 | Tatárszentgyörgy |
| 23 | 15:26:17.8 | 47.077N | 19.410E | 1.9 | Tatárszentgyörgy |
| 24 | 10:23:33.4 | 47.200N | 18.282E | 0.8 | Csór |
| 24 | 10:38:47.8 | 48.545N | 20.755E | 1.7 | Komjáti |
| 24 | 11:49:37.1 | 46.049N | 22.094E | 1.5 | Romania |
| 24 | 12:16:46.7 | 47.322N | 18.452E | 1.7 | Pátka |
| 24 | 14:10:01.1 | 47.070N | 19.396E | 1.8 | Tatárszentgyörgy |
| 24 | 14:17:39.3 | 47.073N | 19.424E | 1.8 | Tatárszentgyörgy |
| 24 | 15:06:14.0 | 48.367N | 19.854E | 1.8 | Slovakia |
| 25 | 8:03:09.2 | 47.993N | 20.704E | 1.4 | Kisgyőr |
| 25 | 9:08:13.5 | 47.344N | 18.441E | 1.5 | Zámoly |
| 25 | 10:02:16.1 | 47.191N | 18.312E | 0.6 | Székesfehérvár |
| 25 | 11:03:09.2 | 48.561N | 20.743E | 1.5 | Komjáti |
| 25 | 11:34:05.0 | 48.458N | 19.534E | 0.9 | Slovakia |
| 25 | 13:08:41.4 | 45.895N | 18.670E | 0.9 | Croatia |
| 25 | 14:39:36.6 | 47.082N | 19.396E | 1.8 | Tatárszentgyörgy |
| 25 | 14:56:16.5 | 47.070N | 19.452E | 1.9 | Felsőlajos |
| 26 | 10:07:25.8 | 48.157N | 21.440E | 2.1 | Timár |
| 26 | 11:00:37.2 | 48.148N | 16.888E | 1.7 | Austria |
| 26 | 12:29:12.6 | 46.122N | 18.067E | 1.6 | Abaliget |
| 26 | 12:42:32.0 | 47.000N | 22.724E | 1.9 | Romania |
| 26 | 15:23:45.6 | 47.514N | 16.243E | 1.6 | Austria |

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| | | | | | |
|----|------------|---------|---------|-----|----------|
| 01 | 8:32:01.8 | 47.665N | 18.493E | 1.7 | Héreg |
| 01 | 10:40:58.8 | 48.584N | 20.712E | 1.5 | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 02 | 8:38:31.2 | 47.841N | 16.036E | 1.5 | Austria |
| 02 | 9:10:37.2 | 48.468N | 17.391E | 1.9 | Slovakia |
| 02 | 9:39:46.0 | 47.852N | 19.095E | 1.5 | Szendehely |
| 02 | 14:46:19.7 | 47.067N | 19.448E | 1.8 | Ladánybene |
| 02 | 15:00:53.5 | 47.062N | 19.457E | 1.9 | Ladánybene |
| 03 | 8:57:52.9 | 47.174N | 18.014E | 1.4 | Hajmáskér |
| 03 | 9:18:06.1 | 48.600N | 20.733E | 1.4 | Slovakia |
| 03 | 9:26:47.5 | 48.533N | 17.437E | 2.0 | Slovakia |
| 03 | 9:50:57.3 | 46.180N | 18.285E | 1.2 | Zobákpusztá |
| 03 | 13:43:19.4 | 47.085N | 19.450E | 1.7 | Táborfalva |
| 03 | 13:44:46.4 | 47.075N | 19.441E | 1.6 | Tatárszentgyörgy |
| 03 | 14:02:47.3 | 47.061N | 19.455E | 1.7 | Ladánybene |
| 03 | 14:04:08.7 | 47.090N | 19.452E | 1.8 | Táborfalva |
| 04 | 8:00:27.5 | 48.001N | 20.652E | 1.4 | Kisgyőr |
| 04 | 8:10:16.6 | 48.707N | 18.675E | 2.1 | Slovakia |
| 04 | 10:03:27.7 | 48.230N | 21.253E | 2.0 | Tállya |
| 04 | 10:16:02.8 | 48.336N | 19.885E | 1.6 | Slovakia |
| 04 | 11:01:06.7 | 47.219N | 18.274E | 0.8 | Iszkaszentgyörgy |
| 04 | 14:29:53.2 | 47.891N | 16.082E | 1.7 | Austria |
| 04 | 16:10:17.0 | 47.565N | 16.359E | 1.6 | Austria |
| 05 | 13:10:04.4 | 45.579N | 17.553E | 1.4 | Croatia |
| 06 | 9:49:49.2 | 46.165N | 18.311E | 1.3 | Zobákpusztá |
| 08 | 9:38:29.0 | 47.224N | 18.304E | 0.9 | Moha |
| 09 | 8:58:39.3 | 47.355N | 18.429E | 1.8 | Gánt |
| 09 | 9:11:29.3 | 48.373N | 19.091E | 1.5 | Slovakia |
| 09 | 10:30:46.4 | 47.193N | 18.277E | 0.8 | Sárkeszi |
| 10 | 8:08:31.6 | 48.491N | 19.100E | 1.5 | Slovakia |
| 10 | 8:35:10.0 | 47.428N | 18.413E | 1.5 | Gánt |
| 10 | 10:11:22.8 | 47.910N | 20.067E | 1.7 | Parád |
| 11 | 9:45:18.1 | 47.317N | 18.446E | 1.9 | Zámoly |
| 11 | 10:25:56.4 | 47.232N | 18.242E | 0.9 | Iszkaszentgyörgy |
| 11 | 10:48:27.7 | 48.205N | 21.255E | 2.1 | Mád |
| 11 | 11:00:29.4 | 48.142N | 16.909E | 1.7 | Austria |
| 11 | 15:27:22.7 | 48.565N | 20.797E | 1.6 | Tornanádaska |
| 12 | 8:19:16.9 | 45.870N | 18.403E | 1.0 | Kisharsány |
| 12 | 8:43:47.1 | 48.652N | 18.581E | 1.8 | Slovakia |
| 12 | 9:01:53.5 | 48.517N | 20.663E | 1.2 | Szögliget |
| 12 | 9:25:01.2 | 47.861N | 19.104E | 1.4 | Szendehely |
| 12 | 9:53:30.6 | 46.892N | 17.384E | 1.9 | Lesenceistvánd |
| 12 | 10:22:24.1 | 48.427N | 19.576E | 0.9 | Slovakia |
| 15 | 10:03:21.6 | 48.577N | 20.716E | 1.5 | Slovakia |
| 15 | 11:15:41.7 | 48.287N | 19.851E | 1.7 | Slovakia |
| 16 | 8:12:04.4 | 45.843N | 18.435E | 0.6 | Nagyharsány |
| 16 | 8:50:20.2 | 47.287N | 18.327E | 1.2 | Magyaralmás |
| 16 | 9:42:16.8 | 48.545N | 19.124E | 1.0 | Slovakia |
| 16 | 9:44:04.0 | 48.513N | 19.135E | 1.5 | Slovakia |
| 16 | 10:00:41.1 | 47.574N | 16.335E | 1.8 | Austria |
| 16 | 11:08:22.7 | 46.849N | 17.222E | 1.9 | Rezi |
| 16 | 11:35:30.4 | 48.250N | 21.223E | 2.0 | Tállya |
| 17 | 7:46:28.7 | 48.641N | 18.594E | 1.9 | Slovakia |
| 17 | 8:47:53.1 | 48.077N | 20.703E | 1.4 | Miskolctapolca |
| 17 | 9:38:41.7 | 47.580N | 18.436E | 0.9 | Tatabánya |
| 18 | 8:05:20.3 | 47.319N | 18.437E | 1.6 | Zámoly |
| 18 | 9:48:31.5 | 46.239N | 18.220E | 1.1 | Mecsekpölöske |
| 18 | 9:49:50.1 | 47.852N | 16.025E | 0.9 | Austria |
| 18 | 10:02:58.5 | 48.227N | 21.243E | 2.1 | Tállya |
| 18 | 10:26:49.2 | 48.584N | 20.744E | 1.6 | Slovakia |
| 19 | 9:20:24.2 | 47.874N | 20.109E | 1.8 | Kisnána |
| 19 | 9:35:13.8 | 47.277N | 18.351E | 1.5 | Magyaralmás |
| 19 | 12:33:44.5 | 48.426N | 17.230E | 1.7 | Slovakia |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 20 | 10:00:37.5 | 46.196N | 18.268E | 1.1 | Komló |
| 22 | 8:56:35.8 | 48.566N | 20.774E | 1.5 | Tornanádaska |
| 22 | 8:59:34.9 | 48.313N | 19.043E | 1.6 | Slovakia |
| 22 | 9:33:13.1 | 47.588N | 18.417E | 2.0 | Tatabánya |
| 22 | 9:55:13.7 | 48.100N | 21.364E | 1.7 | Tokaj |
| 22 | 11:00:55.0 | 48.190N | 19.796E | 1.5 | Somoskő |
| 22 | 11:12:09.5 | 47.181N | 18.313E | 0.9 | Székesfehérvár |
| 22 | 14:53:38.3 | 48.974N | 21.258E | 1.8 | Croatia |
| 23 | 9:21:57.4 | 48.524N | 17.594E | 1.9 | Slovakia |
| 23 | 10:26:01.7 | 47.330N | 18.431E | 1.9 | Zámoly |
| 23 | 10:31:36.1 | 47.202N | 18.280E | 0.8 | Csór |
| 23 | 11:00:27.0 | 48.136N | 16.920E | 1.5 | Austria |
| 24 | 8:45:16.9 | 48.076N | 20.708E | 1.4 | Miskolctapolca |
| 24 | 9:32:05.9 | 48.623N | 20.709E | 0.9 | Slovakia |
| 24 | 10:30:44.1 | 48.858N | 20.482E | 2.1 | Slovakia |
| 24 | 11:26:54.2 | 48.806N | 19.799E | 1.6 | Slovakia |
| 25 | 9:17:00.3 | 46.140N | 18.017E | 1.3 | Hetvehely |
| 25 | 9:27:37.7 | 47.356N | 18.398E | 1.2 | Gánt |
| 25 | 10:53:43.7 | 47.206N | 18.291E | 0.8 | Iszkaszentgyörgy |
| 25 | 12:01:04.9 | 48.877N | 20.908E | 2.0 | Slovakia |
| 25 | 12:10:19.8 | 47.866N | 16.052E | 1.2 | Austria |
| 25 | 12:47:35.2 | 47.868N | 16.049E | 1.3 | Austria |
| 26 | 8:28:44.8 | 47.469N | 18.704E | 1.1 | Herceghalom |
| 26 | 8:59:09.4 | 48.396N | 19.123E | 1.3 | Slovakia |
| 26 | 10:05:22.4 | 48.549N | 20.921E | 1.7 | Tornaszentjakab |
| 26 | 11:06:08.1 | 48.593N | 17.346E | 1.8 | Slovakia |
| 26 | 12:08:47.5 | 47.570N | 16.320E | 1.2 | Austria |
| 27 | 9:10:37.1 | 46.235N | 18.251E | 1.5 | Kisbattyán |
| 29 | 7:19:50.2 | 47.091N | 17.944E | 1.7 | Veszprém |
| 29 | 7:58:45.0 | 45.860N | 18.411E | 1.2 | Nagyharsány |
| 29 | 8:10:24.6 | 46.305N | 21.997E | 1.7 | Romania |
| 29 | 8:26:25.7 | 46.133N | 18.007E | 1.1 | Hetvehely |
| 29 | 8:40:01.0 | 48.554N | 20.756E | 1.2 | Komjáti |
| 29 | 10:00:10.1 | 48.143N | 16.919E | 1.6 | Austria |
| 30 | 8:14:45.8 | 47.188N | 18.263E | 0.6 | Csór |
| 30 | 8:51:11.7 | 48.591N | 20.771E | 1.7 | Slovakia |
| 30 | 9:41:34.3 | 48.233N | 21.258E | 2.1 | Tállya |
| 30 | 11:01:09.1 | 47.224N | 18.282E | 0.7 | Iszkaszentgyörgy |
| 31 | 8:12:47.8 | 47.013N | 17.997E | 1.6 | Balatonalmádi |
| 31 | 8:33:27.3 | 48.867N | 20.482E | 1.9 | Slovakia |
| 31 | 11:00:54.5 | 48.872N | 20.946E | 1.8 | Slovakia |
| 31 | 11:21:41.9 | 47.854N | 16.046E | 1.4 | Austria |
| 31 | 14:36:03.7 | 47.595N | 16.342E | 1.1 | Austria |

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| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 01 | 7:59:22.8 | 48.407N | 19.095E | 1.3 | Slovakia |
| 01 | 8:01:29.4 | 48.410N | 19.067E | 1.8 | Slovakia |
| 01 | 8:54:54.8 | 46.179N | 18.299E | 1.1 | Zobákpusztá |
| 01 | 9:49:39.0 | 48.624N | 20.735E | 1.6 | Slovakia |
| 01 | 10:28:18.8 | 48.549N | 20.821E | 1.6 | Hidvégdó |
| 02 | 9:47:52.5 | 46.114N | 21.732E | 1.6 | Romania |
| 02 | 12:32:03.2 | 47.552N | 16.343E | 1.4 | Austria |
| 06 | 9:01:18.9 | 47.205N | 18.287E | 0.8 | Iszkaszentgyörgy |
| 06 | 9:02:04.4 | 48.643N | 20.683E | 1.6 | Slovakia |
| 06 | 12:01:48.1 | 47.669N | 16.509E | 1.5 | Görbehalomtelep |
| 06 | 12:19:43.3 | 47.579N | 16.345E | 1.8 | Austria |
| 06 | 13:02:48.8 | 45.912N | 18.564E | 0.9 | Töttös |
| 07 | 6:29:37.7 | 47.932N | 16.058E | 1.3 | Austria |
| 07 | 6:37:26.0 | 47.416N | 18.368E | 1.5 | Gánt |
| 07 | 8:27:42.0 | 47.360N | 18.365E | 1.5 | Gánt |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|-------------------|
| 07 | 9:52:45.0 | 47.854N | 19.101E | 1.6 | Szendehely |
| 08 | 6:18:20.2 | 47.305N | 18.296E | 1.1 | Söréd |
| 08 | 6:45:08.3 | 48.105N | 20.710E | 1.3 | Miskolc |
| 08 | 9:14:40.5 | 47.201N | 18.290E | 0.9 | Székesfehérvár |
| 08 | 9:31:37.1 | 48.587N | 20.736E | 1.5 | Slovakia |
| 08 | 9:38:56.8 | 47.000N | 22.247E | 2.2 | Romania |
| 08 | 10:16:56.0 | 48.585N | 20.877E | 1.6 | Slovakia |
| 09 | 6:49:48.1 | 47.338N | 18.454E | 1.6 | Zámoly |
| 09 | 8:10:50.4 | 48.247N | 21.227E | 1.9 | Tállya |
| 09 | 10:11:52.4 | 48.469N | 19.574E | 1.5 | Slovakia |
| 09 | 12:37:00.4 | 47.878N | 16.048E | 1.3 | Austria |
| 12 | 6:12:39.9 | 45.889N | 18.383E | 0.9 | Palkonya |
| 12 | 7:41:43.4 | 47.507N | 18.565E | 1.2 | Óbarok |
| 12 | 9:09:35.3 | 47.970N | 20.038E | 1.6 | Mátraballa |
| 12 | 9:33:18.9 | 47.195N | 18.300E | 0.4 | Székesfehérvár |
| 12 | 10:00:27.3 | 48.150N | 16.912E | 1.5 | Austria |
| 13 | 5:46:03.6 | 46.023N | 22.855E | 1.7 | Romania |
| 13 | 8:05:29.4 | 47.824N | 19.929E | 1.5 | Gyöngyössolymos |
| 13 | 8:28:26.2 | 47.186N | 18.306E | 0.8 | Székesfehérvár |
| 13 | 9:55:44.2 | 48.900N | 21.047E | 1.7 | Slovakia |
| 13 | 13:20:32.2 | 48.355N | 19.847E | 1.6 | Slovakia |
| 14 | 7:43:38.6 | 47.838N | 19.932E | 1.9 | Mátrafüred |
| 14 | 8:36:11.7 | 48.660N | 18.633E | 1.9 | Slovakia |
| 14 | 8:41:49.3 | 48.632N | 20.729E | 1.4 | Slovakia |
| 14 | 9:20:53.9 | 47.765N | 18.498E | 1.8 | Slovakia |
| 14 | 12:24:23.8 | 45.649N | 22.339E | 1.4 | Romania |
| 14 | 12:33:06.4 | 47.892N | 16.471E | 1.3 | Austria |
| 14 | 12:40:09.9 | 45.622N | 22.391E | 1.4 | Romania |
| 14 | 12:51:19.5 | 45.654N | 22.378E | 1.7 | Romania |
| 15 | 8:07:45.8 | 47.343N | 18.410E | 1.6 | Zámoly |
| 15 | 8:39:13.0 | 46.290N | 22.010E | 2.0 | Romania |
| 15 | 8:47:05.5 | 47.803N | 19.071E | 1.6 | Verőce |
| 15 | 9:10:12.3 | 47.202N | 18.284E | 0.8 | Csór |
| 15 | 9:33:45.1 | 48.230N | 21.255E | 2.0 | Tállya |
| 16 | 6:15:22.8 | 47.099N | 17.951E | 1.4 | Kádárta |
| 16 | 7:00:06.0 | 48.428N | 17.232E | 1.5 | Slovakia |
| 16 | 7:32:32.5 | 45.848N | 18.407E | 1.2 | Nagyharsány |
| 16 | 8:07:26.7 | 47.081N | 18.065E | 1.0 | Papkeszi |
| 16 | 8:10:37.8 | 48.567N | 19.298E | 1.6 | Slovakia |
| 16 | 8:14:46.7 | 46.138N | 18.048E | 1.0 | Hetvehely |
| 16 | 8:37:22.5 | 48.611N | 20.741E | 1.5 | Slovakia |
| 16 | 9:14:37.9 | 48.520N | 18.715E | 1.6 | Slovakia |
| 16 | 9:41:49.8 | 47.200N | 18.286E | 0.6 | Csór |
| 16 | 9:49:15.1 | 47.088N | 18.042E | 1.3 | Királyszentistván |
| 16 | 10:01:27.8 | 48.142N | 16.915E | 1.5 | Austria |
| 16 | 10:13:31.1 | 46.863N | 22.857E | 1.8 | Romania |
| 16 | 11:20:08.1 | 48.615N | 20.796E | 1.4 | Slovakia |
| 16 | 14:09:17.0 | 46.106N | 21.696E | 1.4 | Romania |
| 17 | 8:40:16.1 | 48.586N | 20.650E | 1.5 | Slovakia |
| 17 | 8:53:02.1 | 46.171N | 18.310E | 0.8 | Zobákpusztá |
| 19 | 6:05:38.8 | 47.301N | 18.339E | 1.2 | Magyaralmás |
| 19 | 10:00:27.5 | 48.126N | 16.931E | 1.5 | Austria |
| 19 | 11:16:02.5 | 48.384N | 19.810E | 1.5 | Slovakia |
| 19 | 13:22:36.0 | 47.853N | 16.024E | 1.2 | Austria |
| 20 | 7:57:12.8 | 47.903N | 19.365E | 1.8 | Becske |
| 20 | 8:48:24.2 | 48.605N | 20.783E | 1.4 | Slovakia |
| 20 | 10:00:46.1 | 48.140N | 16.919E | 1.4 | Austria |
| 20 | 10:26:47.0 | 45.993N | 22.784E | 1.6 | Romania |
| 20 | 10:28:18.4 | 46.032N | 22.801E | 1.5 | Romania |
| 20 | 12:46:26.3 | 47.067N | 19.461E | 1.7 | Felsőlajos |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 21 | 7:40:21.0 | 47.970N | 16.614E | 1.4 | Austria |
| 21 | 9:19:28.3 | 46.988N | 22.317E | 2.0 | Romania |
| 21 | 9:37:28.0 | 47.928N | 16.053E | 1.4 | Austria |
| 21 | 9:53:35.1 | 47.194N | 18.303E | 0.9 | Székesfehérvár |
| 21 | 9:54:17.9 | 48.633N | 20.729E | 1.0 | Slovakia |
| 21 | 9:57:22.2 | 48.495N | 17.415E | 1.4 | Slovakia |
| 21 | 13:27:33.8 | 47.850N | 16.021E | 1.5 | Austria |
| 22 | 8:54:18.2 | 48.437N | 19.526E | 1.3 | Slovakia |
| 22 | 9:24:37.5 | 47.329N | 18.438E | 1.6 | Zámoly |
| 22 | 9:25:39.3 | 47.329N | 18.447E | 1.5 | Zámoly |
| 22 | 9:38:38.9 | 48.201N | 21.307E | 1.8 | Mád |
| 22 | 9:51:44.9 | 48.673N | 20.799E | 1.5 | Slovakia |
| 22 | 10:06:31.9 | 48.444N | 19.554E | 1.2 | Slovakia |
| 22 | 12:04:14.2 | 48.612N | 20.767E | 1.5 | Slovakia |
| 22 | 13:27:29.0 | 47.070N | 19.415E | 1.8 | Tatárszentgyörgy |
| 23 | 7:01:22.7 | 47.056N | 18.000E | 1.1 | Balatonfűzfő |
| 23 | 9:08:16.7 | 47.862N | 19.096E | 1.6 | Szendehely |
| 23 | 9:45:46.9 | 47.546N | 16.337E | 1.1 | Austria |
| 23 | 9:47:14.3 | 48.595N | 20.725E | 1.5 | Slovakia |
| 23 | 10:31:05.5 | 46.304N | 21.881E | 1.3 | Romania |
| 23 | 10:56:06.9 | 48.503N | 20.794E | 1.3 | Tornaszentandrás |
| 26 | 7:22:14.0 | 48.426N | 19.545E | 1.6 | Slovakia |
| 26 | 7:43:05.0 | 47.087N | 17.916E | 1.3 | Veszprém |
| 26 | 7:59:24.5 | 47.102N | 17.888E | 1.4 | Veszprém |
| 26 | 8:06:15.3 | 47.086N | 18.021E | 1.0 | Litér |
| 26 | 8:44:31.1 | 48.610N | 20.805E | 1.5 | Slovakia |
| 26 | 9:13:42.1 | 48.311N | 19.853E | 1.5 | Slovakia |
| 26 | 9:15:31.1 | 47.208N | 18.308E | 1.0 | Székesfehérvár |
| 26 | 10:28:49.1 | 47.911N | 20.128E | 1.5 | Recsk |
| 27 | 8:10:40.4 | 47.324N | 18.442E | 1.9 | Zámoly |
| 27 | 8:35:52.9 | 46.224N | 18.237E | 1.3 | Komló |
| 27 | 9:46:18.1 | 47.241N | 18.261E | 0.5 | Iszkaszentgyörgy |
| 27 | 9:59:59.0 | 48.143N | 16.893E | 1.6 | Austria |
| 27 | 10:12:37.4 | 48.468N | 19.553E | 1.0 | Slovakia |
| 27 | 10:14:33.5 | 48.474N | 19.559E | 1.2 | Slovakia |
| 27 | 13:50:13.0 | 47.365N | 16.244E | 1.4 | Austria |
| 28 | 7:07:38.3 | 46.896N | 17.314E | 1.7 | Várkölyg |
| 28 | 7:34:27.5 | 45.540N | 17.283E | 1.6 | Croatia |
| 28 | 8:32:06.8 | 46.053N | 22.080E | 1.4 | Romania |
| 28 | 8:35:48.7 | 47.204N | 18.282E | 1.0 | Csór |
| 28 | 8:52:35.7 | 47.911N | 19.408E | 1.7 | Becske |
| 28 | 9:57:50.8 | 48.588N | 20.762E | 1.4 | Slovakia |
| 28 | 10:53:47.9 | 48.423N | 20.814E | 1.2 | Meszés |
| 28 | 11:04:17.4 | 47.856N | 16.031E | 1.0 | Austria |
| 29 | 7:52:14.1 | 47.328N | 18.471E | 1.5 | Lovasberény |
| 29 | 9:09:38.0 | 48.218N | 21.275E | 1.9 | Mád |
| 29 | 9:22:56.0 | 48.262N | 21.217E | 1.6 | Abaújszántó |
| 29 | 9:29:35.1 | 48.590N | 20.756E | 1.2 | Slovakia |
| 29 | 9:39:49.4 | 47.209N | 18.296E | 0.6 | Moha |
| 29 | 11:10:07.4 | 47.579N | 16.363E | 1.1 | Austria |
| 29 | 11:14:47.8 | 46.118N | 21.727E | 1.6 | Romania |
| 30 | 8:37:48.6 | 46.175N | 18.285E | 1.1 | Zobákpuszt |
| 30 | 10:01:19.0 | 47.899N | 19.074E | 1.6 | Nógrád |
| 30 | 10:11:44.5 | 46.158N | 18.007E | 1.5 | Hetvehely |
| 30 | 10:55:09.7 | 48.598N | 20.807E | 1.5 | Slovakia |
| 30 | 11:15:52.2 | 45.959N | 18.592E | 0.8 | Nagynyárád |

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| | | | | | |
|----|-----------|---------|---------|-----|----------|
| 03 | 8:01:56.8 | 48.013N | 20.687E | 1.3 | Kisgyőr |
| 04 | 7:28:22.2 | 48.438N | 19.523E | 1.6 | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|-------------------|
| 04 | 9:24:45.5 | 48.604N | 20.753E | 1.5 | Slovakia |
| 04 | 10:00:28.3 | 48.116N | 16.961E | 1.6 | Austria |
| 04 | 10:24:05.1 | 47.281N | 18.222E | 0.9 | Kincsesbánya |
| 04 | 11:09:59.6 | 47.904N | 16.122E | 1.0 | Austria |
| 05 | 6:45:39.6 | 47.108N | 18.041E | 1.1 | Királyszentistván |
| 05 | 10:00:03.9 | 48.395N | 17.325E | 1.7 | Slovakia |
| 05 | 11:41:05.0 | 47.932N | 20.148E | 1.6 | Recsk |
| 05 | 12:16:13.0 | 47.902N | 16.074E | 1.7 | Austria |
| 05 | 12:26:14.7 | 47.910N | 16.088E | 1.1 | Austria |
| 06 | 6:10:49.8 | 47.301N | 18.301E | 1.0 | Söréd |
| 06 | 7:35:01.7 | 47.200N | 18.218E | 0.8 | Csór |
| 06 | 7:43:28.7 | 47.228N | 18.183E | 1.0 | Bakonykúti |
| 06 | 9:00:19.3 | 47.191N | 18.299E | 0.8 | Székesfehérvár |
| 06 | 9:05:20.9 | 48.589N | 20.740E | 1.4 | Slovakia |
| 06 | 10:42:47.3 | 47.387N | 18.416E | 1.8 | Gánt |
| 06 | 11:01:55.0 | 48.464N | 19.550E | 1.2 | Slovakia |
| 07 | 9:56:59.5 | 46.143N | 18.279E | 1.0 | Vasas |
| 10 | 7:30:57.4 | 47.051N | 18.017E | 1.0 | Balatonfűzfő |
| 10 | 8:12:41.4 | 45.854N | 18.439E | 0.9 | Villány |
| 10 | 8:58:29.9 | 46.105N | 21.800E | 1.5 | Romania |
| 10 | 9:35:43.7 | 48.410N | 20.730E | 1.0 | Szendrő |
| 10 | 9:44:16.4 | 48.581N | 17.517E | 1.8 | Slovakia |
| 10 | 9:56:40.3 | 47.185N | 18.315E | 0.9 | Székesfehérvár |
| 10 | 10:00:21.5 | 48.106N | 16.924E | 1.5 | Austria |
| 10 | 11:20:34.7 | 48.341N | 19.857E | 1.5 | Slovakia |
| 10 | 13:51:51.3 | 47.565N | 16.339E | 1.4 | Austria |
| 10 | 14:00:22.1 | 47.573N | 16.342E | 1.2 | Austria |
| 11 | 7:53:52.2 | 47.882N | 20.149E | 1.6 | Tarnaszentmária |
| 11 | 8:07:12.4 | 48.493N | 17.476E | 1.8 | Slovakia |
| 11 | 8:25:57.0 | 47.332N | 18.423E | 2.0 | Zámoly |
| 11 | 8:42:28.9 | 46.195N | 18.284E | 1.2 | Komló |
| 11 | 8:55:32.2 | 46.127N | 18.054E | 1.4 | Hetvehely |
| 11 | 9:03:39.9 | 48.447N | 17.171E | 1.6 | Slovakia |
| 11 | 9:39:02.2 | 48.579N | 20.799E | 1.5 | Tornanádaska |
| 11 | 9:46:02.3 | 47.199N | 18.299E | 0.9 | Székesfehérvár |
| 11 | 10:12:37.8 | 47.570N | 18.408E | 1.3 | Tatabánya |
| 11 | 12:59:32.7 | 46.914N | 22.813E | 1.7 | Romania |
| 11 | 16:42:41.8 | 47.581N | 16.345E | 0.9 | Austria |
| 12 | 7:22:16.7 | 48.067N | 20.670E | 1.5 | Bükkszentlászló |
| 12 | 14:12:18.1 | 47.840N | 16.028E | 0.8 | Austria |
| 13 | 8:05:13.1 | 48.473N | 20.797E | 1.1 | Martonyi |
| 13 | 9:03:23.6 | 48.249N | 19.855E | 1.6 | Slovakia |
| 13 | 12:35:48.1 | 48.717N | 19.839E | 1.3 | Slovakia |
| 13 | 12:36:48.7 | 48.715N | 19.853E | 1.0 | Slovakia |
| 14 | 9:42:36.9 | 48.597N | 20.295E | 1.5 | Slovakia |
| 15 | 8:29:26.2 | 46.206N | 18.264E | 1.3 | Komló |
| 17 | 7:19:52.8 | 48.244N | 21.251E | 1.9 | Tállya |
| 17 | 8:17:01.2 | 46.784N | 22.793E | 1.5 | Romania |
| 17 | 9:49:11.2 | 48.619N | 20.763E | 1.5 | Slovakia |
| 17 | 9:51:11.4 | 48.401N | 19.137E | 1.8 | Slovakia |
| 18 | 8:26:49.3 | 47.087N | 17.989E | 1.6 | Litér |
| 18 | 9:47:40.0 | 47.343N | 18.441E | 1.5 | Zámoly |
| 18 | 10:00:13.4 | 48.149N | 16.901E | 1.8 | Austria |
| 18 | 12:13:56.0 | 47.859N | 16.038E | 0.8 | Austria |
| 18 | 14:43:16.5 | 47.574N | 16.338E | 1.0 | Austria |
| 19 | 6:27:03.9 | 47.302N | 17.662E | 1.4 | Bakonykoppány |
| 19 | 7:59:49.8 | 48.422N | 17.257E | 1.9 | Slovakia |
| 19 | 8:29:54.9 | 48.617N | 20.753E | 1.4 | Slovakia |
| 19 | 9:04:37.9 | 47.203N | 18.272E | 0.8 | Csór |
| 19 | 9:36:54.4 | 48.220N | 21.220E | 1.7 | Rátka |

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Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 19 | 12:39:08.6 | 47.892N | 20.164E | 1.6 | Tarnaszentmária |
| 20 | 9:19:46.1 | 46.153N | 18.035E | 1.5 | Hetvehely |
| 20 | 9:45:00.7 | 48.620N | 20.754E | 1.6 | Slovakia |
| 20 | 9:50:40.5 | 48.041N | 20.673E | 1.1 | Kisgyőr |
| 20 | 10:00:17.1 | 48.174N | 16.890E | 1.9 | Austria |
| 21 | 7:18:32.0 | 47.139N | 18.219E | 0.9 | Ósi |
| 21 | 8:38:22.4 | 48.535N | 20.821E | 1.3 | Bódvalenke |
| 21 | 9:10:10.2 | 47.164N | 18.316E | 1.0 | Sárszentmihály |
| 21 | 9:38:13.9 | 48.690N | 19.960E | 1.3 | Slovakia |
| 21 | 10:58:40.7 | 46.319N | 21.586E | 2.5 | Romania |
| 24 | 8:36:04.4 | 48.629N | 20.788E | 1.5 | Slovakia |
| 24 | 9:08:38.0 | 48.459N | 17.591E | 1.8 | Slovakia |
| 24 | 10:09:27.1 | 48.272N | 19.829E | 1.6 | Slovakia |
| 25 | 8:31:08.3 | 48.555N | 19.311E | 1.3 | Slovakia |
| 25 | 8:31:42.4 | 47.008N | 22.275E | 2.0 | Romania |
| 25 | 9:50:21.6 | 47.159N | 18.313E | 0.7 | Sárszentmihály |
| 26 | 9:32:52.3 | 47.209N | 18.298E | 0.7 | Moha |
| 26 | 9:52:43.9 | 48.456N | 17.169E | 2.1 | Slovakia |
| 26 | 10:00:21.7 | 48.176N | 16.879E | 2.1 | Austria |
| 26 | 11:37:13.0 | 47.884N | 19.782E | 1.8 | Szurdokpüspöki |
| 27 | 8:55:46.4 | 47.312N | 18.473E | 1.4 | Pátka |
| 27 | 8:57:57.2 | 47.316N | 18.449E | 1.6 | Pátka |
| 27 | 9:12:09.5 | 48.583N | 20.737E | 1.3 | Slovakia |
| 27 | 9:17:54.4 | 47.253N | 18.268E | 0.6 | Iszkaszentgyörgy |
| 27 | 12:22:43.3 | 48.223N | 21.267E | 1.9 | Tállya |
| 28 | 6:10:45.1 | 47.136N | 18.226E | 1.0 | Nádasdladány |
| 28 | 6:52:22.8 | 47.939N | 20.088E | 1.7 | Mátraderecske |
| 28 | 7:36:25.3 | 48.782N | 19.466E | 1.7 | Slovakia |
| 28 | 7:37:59.3 | 48.763N | 19.448E | 1.9 | Slovakia |
| 28 | 8:10:08.4 | 47.211N | 18.270E | 0.9 | Iszkaszentgyörgy |
| 28 | 8:33:24.2 | 48.607N | 20.738E | 1.4 | Slovakia |
| 28 | 8:46:39.9 | 48.460N | 17.389E | 1.8 | Slovakia |
| 28 | 9:09:29.9 | 46.167N | 18.295E | 1.2 | Zobákpuszt |
| 28 | 10:01:23.1 | 48.308N | 18.207E | 1.7 | Slovakia |
| 28 | 10:36:46.5 | 46.147N | 18.050E | 1.4 | Hetvehely |
| 28 | 18:33:01.2 | 47.545N | 16.343E | 1.0 | Austria |
| 29 | 9:14:48.3 | 46.254N | 18.220E | 1.3 | Kisvaszar |
| 31 | 5:47:17.9 | 47.100N | 17.730E | 1.7 | Szentgál |
| 31 | 8:12:30.4 | 47.555N | 16.357E | 1.0 | Austria |
| 31 | 8:40:08.1 | 48.557N | 17.361E | 1.9 | Slovakia |
| 31 | 10:39:29.6 | 48.507N | 17.492E | 1.5 | Slovakia |

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| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 01 | 7:41:16.6 | 47.359N | 18.461E | 1.4 | Csákvár |
| 01 | 8:44:37.2 | 47.877N | 19.107E | 1.8 | Berkenye |
| 01 | 8:46:56.0 | 48.602N | 20.778E | 1.6 | Slovakia |
| 01 | 9:03:21.3 | 47.189N | 18.304E | 0.8 | Székesfehérvár |
| 01 | 9:54:29.1 | 47.046N | 18.080E | 1.5 | Balatonkenese |
| 01 | 10:37:53.1 | 48.567N | 19.357E | 1.8 | Slovakia |
| 01 | 11:00:05.8 | 48.429N | 17.217E | 1.6 | Slovakia |
| 02 | 7:56:34.1 | 47.080N | 18.016E | 1.0 | Litér |
| 02 | 8:09:35.2 | 46.048N | 22.896E | 1.7 | Romania |
| 02 | 8:46:21.2 | 48.634N | 21.374E | 1.7 | Slovakia |
| 02 | 9:25:30.2 | 47.210N | 18.284E | 1.0 | Iszkaszentgyörgy |
| 02 | 9:32:38.4 | 48.908N | 20.708E | 1.7 | Slovakia |
| 02 | 9:36:17.2 | 48.715N | 20.740E | 1.4 | Slovakia |
| 02 | 10:20:19.0 | 48.474N | 19.559E | 0.9 | Slovakia |
| 02 | 10:21:15.9 | 48.480N | 19.552E | 1.1 | Slovakia |
| 03 | 5:32:15.8 | 47.270N | 18.346E | 1.6 | Sárkeresztes |
| 03 | 8:28:08.0 | 48.558N | 17.406E | 1.8 | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 03 | 8:49:11.0 | 48.589N | 20.734E | 1.3 | Slovakia |
| 03 | 9:15:34.3 | 47.209N | 18.277E | 0.7 | Iszkaszentgyörgy |
| 03 | 11:42:46.0 | 48.346N | 19.834E | 1.9 | Slovakia |
| 04 | 6:04:27.1 | 47.201N | 18.201E | 0.8 | Csór |
| 04 | 6:13:33.5 | 47.114N | 18.211E | 0.7 | Jenő |
| 04 | 7:16:54.5 | 46.933N | 22.267E | 1.6 | Romania |
| 04 | 8:18:57.1 | 48.960N | 19.789E | 1.6 | Slovakia |
| 04 | 8:41:15.2 | 48.624N | 17.411E | 1.6 | Slovakia |
| 04 | 11:14:40.0 | 48.398N | 18.186E | 1.4 | Slovakia |
| 04 | 11:44:05.1 | 48.555N | 20.759E | 1.3 | Komjáti |
| 04 | 13:10:24.2 | 48.562N | 17.621E | 1.9 | Slovakia |
| 07 | 11:00:21.4 | 48.549N | 20.802E | 1.4 | Bódvalenke |
| 07 | 17:54:12.1 | 47.569N | 16.339E | 0.9 | Austria |
| 08 | 7:01:05.8 | 47.919N | 19.378E | 1.6 | Becske |
| 08 | 7:57:44.9 | 47.331N | 18.478E | 1.9 | Lovasberény |
| 08 | 8:46:40.4 | 45.959N | 22.742E | 1.7 | Romania |
| 08 | 8:56:30.0 | 46.904N | 22.718E | 1.5 | Romania |
| 08 | 9:14:53.4 | 46.119N | 18.025E | 1.3 | Bükkösd |
| 09 | 5:53:53.4 | 47.278N | 18.350E | 1.4 | Magyaralmás |
| 09 | 8:36:22.5 | 46.068N | 22.819E | 1.7 | Romania |
| 09 | 8:46:05.5 | 46.168N | 18.294E | 1.3 | Zobákpuszt |
| 09 | 9:12:16.4 | 48.238N | 21.253E | 2.0 | Tállya |
| 09 | 9:57:38.3 | 47.223N | 18.248E | 0.9 | Iszkaszentgyörgy |
| 09 | 10:00:47.4 | 48.119N | 16.931E | 1.6 | Austria |
| 09 | 15:36:02.7 | 47.557N | 16.323E | 1.8 | Austria |
| 10 | 7:14:20.5 | 47.723N | 18.683E | 1.8 | Tokod |
| 10 | 8:43:52.1 | 48.330N | 19.005E | 2.0 | Slovakia |
| 10 | 8:52:11.1 | 48.235N | 21.263E | 1.7 | Tállya |
| 10 | 9:40:28.7 | 46.911N | 22.299E | 1.6 | Romania |
| 10 | 9:51:01.6 | 47.195N | 18.344E | 1.0 | Székesfehérvár |
| 10 | 10:15:03.3 | 48.418N | 17.182E | 1.5 | Slovakia |
| 11 | 6:15:18.9 | 47.831N | 16.021E | 0.7 | Austria |
| 11 | 8:01:48.6 | 47.968N | 16.609E | 1.3 | Austria |
| 11 | 8:40:37.9 | 45.646N | 17.307E | 1.9 | Croatia |
| 11 | 12:05:16.4 | 47.575N | 16.329E | 1.2 | Austria |
| 11 | 12:53:06.3 | 45.999N | 18.515E | 0.9 | Versend |
| 12 | 8:41:47.2 | 46.193N | 18.279E | 1.4 | Komló |
| 14 | 6:37:21.0 | 47.292N | 17.642E | 1.5 | Homokbödöge |
| 14 | 9:03:27.8 | 48.540N | 20.811E | 1.6 | Bódvalenke |
| 14 | 9:10:06.0 | 47.198N | 18.295E | 0.9 | Székesfehérvár |
| 14 | 9:13:58.0 | 48.405N | 19.102E | 1.9 | Slovakia |
| 14 | 13:58:35.2 | 47.853N | 16.018E | 1.5 | Austria |
| 15 | 5:00:40.3 | 47.548N | 16.358E | 1.2 | Austria |
| 15 | 8:23:57.0 | 48.709N | 18.699E | 1.7 | Slovakia |
| 15 | 8:38:50.2 | 47.329N | 18.451E | 1.7 | Zámoly |
| 15 | 8:40:15.3 | 47.328N | 18.452E | 1.9 | Zámoly |
| 16 | 7:02:41.0 | 46.049N | 22.903E | 2.0 | Romania |
| 16 | 7:29:06.4 | 46.173N | 18.288E | 1.2 | Zobákpuszt |
| 16 | 7:53:24.0 | 48.638N | 20.721E | 1.7 | Slovakia |
| 16 | 8:10:46.4 | 48.426N | 19.380E | 1.8 | Slovakia |
| 16 | 8:38:39.0 | 47.303N | 17.629E | 1.3 | Homokbödöge |
| 16 | 9:35:40.8 | 47.209N | 18.317E | 1.0 | Székesfehérvár |
| 17 | 8:11:19.2 | 48.509N | 17.448E | 1.8 | Slovakia |
| 17 | 8:16:35.7 | 46.143N | 18.017E | 1.1 | Hetvehely |
| 17 | 9:30:52.9 | 46.994N | 22.302E | 2.0 | Romania |
| 17 | 9:37:16.5 | 47.148N | 18.323E | 0.8 | Sárszentmihály |
| 17 | 10:05:52.5 | 48.546N | 20.833E | 1.5 | Hidvégdárdó |
| 17 | 10:43:36.5 | 47.568N | 16.350E | 1.1 | Austria |
| 17 | 11:43:16.6 | 48.555N | 20.772E | 1.3 | Komjáti |
| 17 | 13:18:37.3 | 46.018N | 18.489E | 0.7 | Monyoród |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 18 | 6:34:38.2 | 48.032N | 20.704E | 1.3 | Kisgyőr |
| 18 | 7:19:42.3 | 47.082N | 18.066E | 1.5 | Papkeszi |
| 18 | 10:00:30.1 | 48.160N | 16.892E | 1.6 | Austria |
| 18 | 16:24:24.1 | 47.557N | 16.336E | 0.9 | Austria |
| 21 | 8:16:16.2 | 48.638N | 20.835E | 1.4 | Slovakia |
| 21 | 8:42:03.0 | 48.229N | 21.225E | 2.0 | Tállya |
| 21 | 9:47:20.9 | 47.847N | 16.019E | 1.1 | Austria |
| 21 | 10:55:22.8 | 48.037N | 16.099E | 0.8 | Austria |
| 21 | 11:47:47.4 | 47.537N | 18.523E | 0.8 | Nagyegyháza |
| 21 | 19:38:01.6 | 47.550N | 16.301E | 1.1 | Austria |
| 22 | 7:19:34.1 | 47.337N | 17.622E | 1.6 | Béb |
| 22 | 8:48:28.7 | 48.487N | 19.382E | 1.2 | Slovakia |
| 22 | 8:59:10.2 | 46.102N | 21.694E | 2.0 | Romania |
| 22 | 9:00:46.7 | 47.246N | 18.271E | 1.0 | Iszkaszentgyörgy |
| 22 | 9:04:23.9 | 47.726N | 18.701E | 1.5 | Tokod |
| 22 | 9:23:12.3 | 48.586N | 20.759E | 0.9 | Slovakia |
| 22 | 9:27:27.6 | 47.340N | 18.457E | 1.5 | Lovasberény |
| 22 | 10:59:56.5 | 48.139N | 18.968E | 1.1 | Slovakia |
| 22 | 12:00:57.8 | 47.849N | 16.006E | 1.5 | Austria |
| 22 | 15:30:44.4 | 47.558N | 16.348E | 1.0 | Austria |
| 23 | 7:24:46.0 | 48.368N | 19.049E | 1.0 | Slovakia |
| 23 | 7:28:58.7 | 48.508N | 17.440E | 1.6 | Slovakia |
| 23 | 8:34:53.4 | 48.583N | 20.718E | 1.4 | Slovakia |
| 23 | 11:15:06.7 | 48.409N | 17.267E | 1.5 | Slovakia |
| 23 | 18:23:13.9 | 47.516N | 16.332E | 0.6 | Austria |
| 24 | 9:02:16.7 | 47.200N | 18.314E | 0.7 | Székesfehérvár |
| 24 | 9:17:50.1 | 48.188N | 21.273E | 1.8 | Mád |
| 25 | 6:22:54.1 | 45.865N | 18.416E | 1.4 | Villány |
| 25 | 7:15:05.2 | 47.913N | 20.084E | 1.8 | Parád |
| 25 | 7:56:14.6 | 46.140N | 17.930E | 1.3 | Ibafa |
| 25 | 8:02:07.8 | 47.483N | 18.690E | 1.2 | Herceghalom |
| 25 | 9:55:34.0 | 48.630N | 20.770E | 1.3 | Slovakia |
| 25 | 15:52:15.9 | 47.573N | 16.362E | 0.8 | Austria |
| 28 | 7:30:07.2 | 45.816N | 18.460E | 1.5 | Lapáncsa |
| 28 | 7:48:23.9 | 47.065N | 18.018E | 1.5 | Balatonfűzfő |
| 28 | 9:06:41.6 | 48.569N | 20.763E | 1.5 | Tornanádaska |
| 28 | 9:11:35.3 | 48.424N | 17.212E | 1.8 | Slovakia |
| 28 | 9:52:01.2 | 47.826N | 19.131E | 1.3 | Szendehely |
| 28 | 10:00:36.4 | 48.182N | 16.880E | 1.3 | Austria |
| 28 | 12:28:34.5 | 47.533N | 16.337E | 1.3 | Austria |
| 28 | 13:36:13.8 | 47.830N | 16.031E | 0.9 | Austria |
| 28 | 16:45:46.5 | 47.599N | 16.354E | 0.9 | Austria |
| 29 | 6:54:42.5 | 47.876N | 19.389E | 1.9 | Bercel |
| 29 | 7:59:33.6 | 48.579N | 20.701E | 1.6 | Slovakia |
| 29 | 8:12:15.0 | 46.854N | 17.356E | 1.5 | Lesencetomaj |
| 29 | 8:42:45.6 | 47.009N | 22.271E | 1.6 | Romania |
| 29 | 8:55:11.6 | 48.727N | 19.970E | 1.2 | Slovakia |
| 29 | 9:01:38.6 | 47.201N | 18.318E | 1.0 | Székesfehérvár |
| 29 | 13:36:34.1 | 47.836N | 16.004E | 0.9 | Austria |
| 29 | 16:37:06.2 | 45.996N | 18.458E | 1.0 | Szederkény |
| 30 | 7:59:08.8 | 47.469N | 18.704E | 1.3 | Herceghalom |
| 30 | 8:06:43.3 | 46.273N | 21.892E | 1.5 | Romania |
| 30 | 8:20:46.6 | 46.146N | 17.984E | 1.0 | Hetvehely |
| 30 | 9:21:04.2 | 48.386N | 18.459E | 1.3 | Slovakia |
| 30 | 10:26:22.6 | 47.859N | 20.158E | 1.6 | Tarnaszentmária |
| 30 | 10:44:45.7 | 46.806N | 17.283E | 1.5 | Keszthely |

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| | | | | | |
|----|-----------|---------|---------|-----|---------|
| 01 | 8:41:39.1 | 46.113N | 21.726E | 1.6 | Romania |
| 01 | 8:44:05.9 | 47.328N | 18.431E | 1.6 | Zámoly |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|----------------|
| 01 | 8:44:43.3 | 48.210N | 21.243E | 1.9 | Rátka |
| 01 | 8:46:37.8 | 48.576N | 20.769E | 1.4 | Tornanádaska |
| 01 | 9:05:35.3 | 48.562N | 20.801E | 1.0 | Tornanádaska |
| 01 | 16:05:35.8 | 47.569N | 16.344E | 1.0 | Austria |
| 01 | 16:18:37.0 | 45.916N | 18.603E | 1.0 | Majs |
| 02 | 7:11:23.2 | 47.076N | 18.025E | 1.2 | Balatonfűzfő |
| 02 | 8:00:06.4 | 48.593N | 20.806E | 1.3 | Slovakia |
| 02 | 8:05:51.7 | 47.832N | 19.861E | 1.9 | Gyöngyösoroszi |
| 02 | 8:52:19.4 | 48.560N | 19.337E | 1.5 | Slovakia |
| 02 | 9:09:36.6 | 47.184N | 18.295E | 0.9 | Sárkeszi |
| 02 | 10:47:21.9 | 48.647N | 20.771E | 1.1 | Slovakia |
| 02 | 11:11:52.2 | 46.968N | 22.281E | 1.3 | Romania |
| 02 | 15:08:25.1 | 47.513N | 16.317E | 1.2 | Austria |
| 05 | 6:51:30.5 | 47.101N | 18.051E | 1.2 | Vilonya |
| 05 | 6:57:18.5 | 47.952N | 20.054E | 1.8 | Mátraderecske |
| 05 | 7:50:49.9 | 48.058N | 20.710E | 1.1 | Miskolctapolca |
| 05 | 10:00:21.4 | 48.164N | 16.900E | 1.8 | Austria |
| 05 | 16:55:48.2 | 47.566N | 16.341E | 0.9 | Austria |
| 06 | 7:09:06.5 | 47.972N | 20.375E | 1.2 | Felsőtárkány |
| 06 | 7:47:57.1 | 47.197N | 18.311E | 1.4 | Székesfehérvár |
| 06 | 8:19:45.6 | 48.608N | 20.714E | 1.3 | Slovakia |
| 06 | 9:46:27.6 | 48.359N | 17.388E | 2.2 | Slovakia |
| 06 | 10:46:27.1 | 47.336N | 18.448E | 1.9 | Zámoly |
| 06 | 11:24:43.8 | 47.334N | 18.430E | 1.1 | Zámoly |
| 06 | 13:38:53.0 | 47.888N | 16.095E | 1.1 | Austria |
| 06 | 15:41:02.8 | 47.574N | 16.340E | 1.1 | Austria |
| 07 | 6:23:34.4 | 47.015N | 18.001E | 1.6 | Balatonalmádi |
| 07 | 6:43:22.9 | 45.537N | 17.843E | 1.6 | Croatia |
| 07 | 6:54:33.9 | 45.508N | 17.953E | 1.5 | Croatia |
| 07 | 7:09:44.7 | 46.037N | 22.805E | 1.7 | Romania |
| 07 | 7:10:06.2 | 46.045N | 22.796E | 1.8 | Romania |
| 07 | 7:47:55.1 | 46.929N | 17.296E | 1.8 | Sümegeprága |
| 07 | 8:27:50.5 | 48.518N | 17.473E | 1.7 | Slovakia |
| 07 | 8:57:11.0 | 48.552N | 17.468E | 1.5 | Slovakia |
| 07 | 9:00:47.9 | 47.199N | 18.318E | 0.9 | Székesfehérvár |
| 07 | 9:14:42.5 | 48.623N | 20.769E | 1.5 | Slovakia |
| 07 | 9:37:53.3 | 46.041N | 22.793E | 1.5 | Romania |
| 07 | 13:13:32.2 | 47.583N | 18.329E | 0.8 | Környe |
| 07 | 13:22:58.0 | 47.552N | 18.514E | 0.9 | Szárliiget |
| 07 | 16:12:08.9 | 47.512N | 16.308E | 1.1 | Austria |
| 08 | 6:10:03.3 | 47.299N | 18.335E | 1.4 | Magyaralmás |
| 08 | 7:27:21.1 | 48.625N | 18.522E | 1.7 | Slovakia |
| 08 | 7:50:03.9 | 46.163N | 18.002E | 1.3 | Hetvehely |
| 08 | 8:44:43.1 | 47.832N | 19.086E | 1.5 | Verőce |
| 08 | 10:01:23.5 | 47.895N | 16.409E | 1.1 | Austria |
| 08 | 15:33:45.1 | 47.635N | 16.364E | 0.7 | Austria |
| 09 | 8:04:15.2 | 48.549N | 19.307E | 1.7 | Slovakia |
| 09 | 8:08:35.8 | 48.877N | 21.321E | 2.0 | Slovakia |
| 09 | 8:09:30.3 | 48.574N | 20.708E | 1.2 | Slovakia |
| 09 | 9:01:56.3 | 48.242N | 21.271E | 2.0 | Tállya |
| 09 | 9:54:53.8 | 47.862N | 19.125E | 1.5 | Szendehely |
| 10 | 13:17:12.2 | 47.563N | 16.348E | 1.2 | Austria |
| 10 | 16:04:39.9 | 48.422N | 17.008E | 1.4 | Slovakia |
| 12 | 7:49:58.8 | 47.111N | 17.830E | 1.6 | Márkó |
| 12 | 8:46:03.9 | 47.977N | 16.059E | 0.8 | Austria |
| 12 | 9:05:12.3 | 48.543N | 20.760E | 1.4 | Komjáti |
| 12 | 9:08:08.1 | 48.788N | 16.231E | 1.6 | Czech Republic |
| 12 | 9:29:39.3 | 48.459N | 20.663E | 0.7 | Varbóc |
| 12 | 10:16:09.5 | 48.798N | 21.167E | 1.4 | Slovakia |
| 12 | 11:18:38.0 | 48.377N | 19.855E | 1.4 | Slovakia |

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Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 12 | 11:26:15.8 | 47.575N | 18.410E | 1.1 | Tatabánya |
| 12 | 16:03:42.4 | 47.672N | 16.397E | 1.0 | Austria |
| 13 | 9:56:21.3 | 46.025N | 18.483E | 0.8 | Máriakéménd |
| 13 | 10:00:57.0 | 48.105N | 16.924E | 1.6 | Austria |
| 13 | 11:12:59.2 | 47.933N | 16.123E | 0.7 | Austria |
| 14 | 7:10:27.5 | 46.137N | 18.003E | 1.2 | Hetvehely |
| 14 | 8:08:39.4 | 48.800N | 21.591E | 1.6 | Slovakia |
| 14 | 10:48:14.4 | 48.479N | 19.575E | 1.1 | Slovakia |
| 14 | 11:20:04.8 | 47.876N | 16.069E | 1.2 | Austria |
| 15 | 7:12:59.7 | 48.763N | 19.368E | 1.6 | Slovakia |
| 15 | 7:43:14.1 | 47.326N | 18.460E | 1.6 | Pátka |
| 15 | 8:34:54.8 | 48.564N | 20.730E | 1.2 | Komjáti |
| 15 | 8:49:47.8 | 48.521N | 17.488E | 2.0 | Slovakia |
| 15 | 9:14:55.4 | 48.410N | 17.244E | 1.8 | Slovakia |
| 15 | 12:32:55.4 | 47.948N | 16.144E | 0.5 | Austria |
| 15 | 12:54:12.9 | 48.241N | 21.281E | 2.0 | Tállya |
| 16 | 7:12:26.3 | 47.694N | 18.459E | 1.7 | Tardosbánya |
| 16 | 8:09:19.9 | 48.854N | 16.079E | 1.7 | Czech Republic |
| 16 | 9:06:28.8 | 47.212N | 18.278E | 0.8 | Iszkaszentgyörgy |
| 16 | 9:43:36.6 | 46.907N | 22.675E | 1.4 | Romania |
| 16 | 9:53:37.2 | 48.605N | 20.788E | 1.7 | Slovakia |
| 16 | 11:16:14.2 | 47.764N | 18.696E | 1.2 | Dorog |
| 17 | 8:05:10.7 | 46.182N | 18.294E | 0.9 | Zobákpuszta |
| 17 | 10:43:17.1 | 47.559N | 16.344E | 0.7 | Austria |
| 19 | 8:54:39.3 | 48.312N | 18.555E | 1.9 | Slovakia |
| 19 | 10:00:49.4 | 48.168N | 16.896E | 1.4 | Austria |
| 20 | 6:13:03.6 | 47.366N | 18.466E | 1.3 | Csákvár |
| 20 | 6:31:53.8 | 47.178N | 18.194E | 0.9 | Ósi |
| 20 | 6:49:17.0 | 47.183N | 18.208E | 1.0 | Csór |
| 20 | 7:13:09.5 | 48.044N | 20.690E | 1.3 | Kisgyőr |
| 20 | 7:35:16.1 | 48.748N | 18.681E | 2.0 | Slovakia |
| 20 | 7:52:52.9 | 46.873N | 17.352E | 1.4 | Lesenceistvánd |
| 20 | 9:27:49.4 | 48.598N | 20.738E | 1.6 | Slovakia |
| 20 | 9:31:22.1 | 47.208N | 18.265E | 0.6 | Csór |
| 20 | 9:59:39.0 | 46.171N | 18.311E | 0.9 | Zobákpuszta |
| 20 | 10:48:46.5 | 48.786N | 21.594E | 1.9 | Slovakia |
| 20 | 11:14:50.3 | 47.869N | 16.066E | 0.7 | Austria |
| 20 | 14:25:59.7 | 47.093N | 19.415E | 1.7 | Tatárszentgyörgy |
| 20 | 14:50:25.2 | 47.064N | 19.465E | 1.8 | Felsőlajos |
| 20 | 18:36:11.7 | 47.574N | 16.321E | 1.3 | Austria |
| 21 | 5:51:16.7 | 47.283N | 18.325E | 1.4 | Magyaralmás |
| 21 | 6:58:04.9 | 47.901N | 19.400E | 1.7 | Becske |
| 21 | 7:50:41.8 | 46.849N | 17.351E | 1.8 | Lesencetomaj |
| 21 | 10:40:56.5 | 48.640N | 20.747E | 1.5 | Slovakia |
| 21 | 13:30:24.4 | 47.084N | 19.403E | 1.8 | Tatárszentgyörgy |
| 21 | 13:53:05.5 | 47.122N | 19.345E | 1.8 | Örkény |
| 22 | 6:59:30.1 | 48.427N | 19.544E | 1.1 | Slovakia |
| 22 | 7:17:56.4 | 48.235N | 21.235E | 1.9 | Tállya |
| 22 | 8:43:14.1 | 48.590N | 20.712E | 1.5 | Slovakia |
| 22 | 8:47:11.4 | 46.167N | 18.306E | 1.3 | Zobákpuszta |
| 22 | 9:21:24.8 | 47.599N | 16.327E | 0.8 | Austria |
| 22 | 11:11:00.6 | 47.591N | 18.467E | 1.1 | Vérttestolna |
| 22 | 13:40:26.3 | 47.089N | 19.407E | 1.7 | Tatárszentgyörgy |
| 22 | 14:12:48.2 | 47.064N | 19.457E | 2.0 | Ladánybene |
| 23 | 6:04:31.9 | 47.305N | 18.290E | 0.6 | Söréd |
| 23 | 6:09:54.6 | 47.281N | 18.325E | 1.0 | Magyaralmás |
| 23 | 7:13:33.1 | 47.082N | 18.019E | 1.3 | Litér |
| 23 | 7:15:21.7 | 47.073N | 18.342E | 0.9 | Kőszárhegy |
| 23 | 8:59:27.0 | 48.431N | 17.244E | 1.4 | Slovakia |
| 23 | 9:04:50.1 | 48.627N | 20.765E | 1.5 | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|-------------|
| 23 | 11:00:58.8 | 47.807N | 16.021E | 0.7 | Austria |
| 23 | 16:13:03.5 | 47.584N | 16.331E | 1.1 | Austria |
| 24 | 7:57:38.3 | 46.207N | 18.248E | 1.3 | Komló |
| 24 | 9:43:35.3 | 45.925N | 22.681E | 1.6 | Romania |
| 24 | 10:49:07.2 | 45.931N | 22.661E | 1.3 | Romania |
| 26 | 7:13:21.6 | 45.824N | 18.409E | 1.4 | Kistapolca |
| 26 | 9:21:16.1 | 48.574N | 20.706E | 1.6 | Slovakia |
| 26 | 13:31:40.8 | 47.538N | 16.348E | 1.3 | Austria |
| 26 | 17:08:05.4 | 47.561N | 16.351E | 0.7 | Austria |
| 27 | 7:19:40.5 | 47.317N | 18.437E | 1.4 | Zámoly |
| 27 | 9:20:51.9 | 47.209N | 18.265E | 0.9 | Csór |
| 27 | 9:42:26.9 | 46.137N | 18.039E | 1.1 | Hetvehely |
| 27 | 9:57:43.4 | 46.130N | 18.072E | 1.1 | Abaliget |
| 27 | 10:00:40.0 | 48.168N | 16.874E | 1.5 | Austria |
| 27 | 11:01:08.9 | 48.237N | 21.244E | 2.0 | Tállya |
| 28 | 6:10:24.5 | 47.969N | 16.093E | 1.1 | Austria |
| 28 | 7:45:40.1 | 48.630N | 20.810E | 0.9 | Slovakia |
| 28 | 10:01:18.8 | 48.117N | 16.914E | 1.7 | Austria |
| 28 | 10:31:44.2 | 48.857N | 20.539E | 1.2 | Slovakia |
| 28 | 10:37:57.9 | 48.852N | 20.504E | 1.5 | Slovakia |
| 28 | 12:47:04.9 | 47.597N | 16.339E | 1.2 | Austria |
| 29 | 7:58:18.4 | 48.682N | 19.677E | 2.7 | Slovakia |
| 29 | 9:00:06.6 | 48.427N | 17.291E | 2.3 | Slovakia |
| 29 | 9:01:47.0 | 47.196N | 18.263E | 1.0 | Csór |
| 29 | 10:08:34.5 | 48.455N | 19.561E | 1.5 | Slovakia |
| 30 | 6:12:40.1 | 47.629N | 16.351E | 0.9 | Austria |
| 30 | 6:21:03.4 | 45.575N | 17.282E | 1.7 | Croatia |
| 30 | 6:41:39.0 | 47.983N | 19.564E | 1.4 | Hollókő |
| 30 | 6:54:37.7 | 46.847N | 17.227E | 1.6 | Rezi |
| 30 | 12:01:55.3 | 48.429N | 17.228E | 1.8 | Slovakia |
| 31 | 9:04:16.6 | 46.158N | 18.313E | 1.2 | Zobákpusztá |

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| | | | | | |
|----|------------|---------|---------|-----|-----------------|
| 02 | 8:11:14.5 | 47.986N | 20.137E | 1.9 | Kisfüzes |
| 02 | 9:13:10.2 | 46.144N | 18.305E | 1.1 | Vasas |
| 03 | 6:57:13.1 | 47.114N | 18.004E | 1.4 | Litér |
| 03 | 7:44:05.2 | 45.514N | 17.777E | 1.5 | Croatia |
| 03 | 8:45:09.9 | 48.408N | 19.090E | 1.7 | Slovakia |
| 03 | 9:14:09.0 | 48.559N | 17.391E | 1.4 | Slovakia |
| 03 | 9:29:21.0 | 47.426N | 18.733E | 1.2 | Etyek |
| 03 | 9:35:47.2 | 47.164N | 18.281E | 0.8 | Sárkeszi |
| 03 | 10:17:48.9 | 47.861N | 19.154E | 1.5 | Nótincs |
| 03 | 10:50:40.1 | 45.961N | 18.592E | 1.3 | Nagynyárád |
| 04 | 5:06:00.3 | 47.279N | 17.638E | 1.4 | Homokbödöge |
| 04 | 9:07:59.5 | 47.194N | 18.237E | 0.8 | Csór |
| 04 | 10:13:30.4 | 47.888N | 20.127E | 1.5 | Tarnaszentmária |
| 04 | 10:35:31.0 | 47.202N | 18.262E | 1.1 | Csór |
| 04 | 10:46:18.5 | 48.563N | 20.728E | 1.3 | Komjáti |
| 04 | 15:34:56.3 | 47.556N | 16.332E | 1.1 | Austria |
| 05 | 6:47:07.2 | 47.309N | 18.429E | 1.7 | Zámoly |
| 05 | 7:32:18.6 | 48.589N | 20.681E | 1.4 | Slovakia |
| 05 | 9:43:52.0 | 47.161N | 18.314E | 0.9 | Sárszentmihály |
| 06 | 8:35:21.5 | 48.593N | 20.745E | 1.4 | Slovakia |
| 06 | 9:00:51.3 | 47.173N | 18.275E | 1.1 | Sárkeszi |
| 06 | 10:05:45.7 | 47.016N | 22.321E | 2.0 | Romania |
| 06 | 10:54:36.7 | 48.377N | 19.811E | 1.3 | Slovakia |
| 06 | 15:52:01.0 | 47.576N | 16.368E | 1.5 | Austria |
| 09 | 7:52:23.5 | 47.257N | 17.661E | 1.4 | Németbánya |
| 09 | 8:06:46.3 | 48.094N | 20.699E | 1.2 | Pereces |
| 09 | 9:48:08.6 | 48.869N | 21.857E | 1.8 | Slovakia |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|-----------------|
| 09 | 10:16:11.2 | 47.373N | 18.431E | 1.7 | Gánt |
| 09 | 10:56:19.1 | 48.234N | 21.263E | 2.1 | Tállya |
| 09 | 13:34:51.8 | 47.826N | 16.006E | 1.2 | Austria |
| 10 | 7:06:21.2 | 48.437N | 19.553E | 0.8 | Slovakia |
| 10 | 7:12:25.8 | 48.518N | 17.533E | 1.2 | Slovakia |
| 10 | 8:09:11.4 | 48.518N | 20.707E | 1.1 | Bódvaszilas |
| 10 | 8:47:53.8 | 47.315N | 18.437E | 1.5 | Zámoly |
| 10 | 9:03:16.2 | 47.539N | 18.683E | 1.3 | Mány |
| 10 | 9:40:00.3 | 46.049N | 22.100E | 1.4 | Romania |
| 10 | 9:57:49.7 | 46.128N | 18.087E | 1.0 | Abaliget |
| 10 | 9:58:54.6 | 48.799N | 21.666E | 1.8 | Slovakia |
| 10 | 10:14:40.1 | 47.970N | 20.167E | 1.5 | Bükkszék |
| 10 | 12:31:24.1 | 48.421N | 17.211E | 1.6 | Slovakia |
| 10 | 13:52:15.8 | 47.077N | 19.459E | 1.9 | Felsőlajos |
| 10 | 14:19:28.1 | 47.047N | 19.468E | 1.7 | Ladánybene |
| 10 | 14:57:09.0 | 47.581N | 16.366E | 0.9 | Austria |
| 11 | 6:28:38.3 | 45.963N | 22.867E | 1.4 | Romania |
| 11 | 6:55:28.4 | 46.028N | 22.826E | 1.5 | Romania |
| 11 | 7:34:00.6 | 46.068N | 22.788E | 1.4 | Romania |
| 11 | 8:21:48.1 | 46.869N | 17.384E | 1.7 | Lesencetomaj |
| 11 | 9:16:08.2 | 47.183N | 18.279E | 1.0 | Sárkeszi |
| 11 | 10:00:08.9 | 46.032N | 22.837E | 1.5 | Romania |
| 11 | 10:02:09.8 | 48.321N | 18.202E | 1.7 | Slovakia |
| 11 | 11:24:17.9 | 48.344N | 19.857E | 1.6 | Slovakia |
| 11 | 11:58:46.1 | 46.319N | 22.965E | 1.6 | Romania |
| 11 | 13:59:52.7 | 47.067N | 19.450E | 1.6 | Ladánybene |
| 11 | 14:43:09.6 | 47.053N | 19.448E | 1.8 | Ladánybene |
| 12 | 8:10:09.0 | 48.598N | 20.742E | 1.5 | Slovakia |
| 12 | 8:11:55.2 | 48.248N | 21.268E | 2.0 | Tállya |
| 12 | 8:33:25.2 | 48.282N | 19.883E | 1.7 | Slovakia |
| 12 | 9:02:50.2 | 47.879N | 19.096E | 1.7 | Berkenye |
| 12 | 13:42:20.0 | 47.121N | 19.323E | 2.0 | Örkény |
| 12 | 18:12:58.1 | 47.619N | 16.373E | 1.3 | Austria |
| 13 | 6:35:37.8 | 47.310N | 18.269E | 1.3 | Fehérvárcsurgó |
| 13 | 7:10:45.2 | 48.663N | 17.435E | 1.5 | Slovakia |
| 13 | 7:15:10.9 | 48.085N | 20.680E | 1.1 | Bükkszentlászló |
| 13 | 7:32:13.9 | 48.514N | 19.350E | 0.7 | Slovakia |
| 13 | 8:13:33.9 | 46.119N | 21.719E | 1.6 | Romania |
| 13 | 8:17:26.3 | 46.126N | 18.051E | 1.2 | Hetvehely |
| 13 | 9:52:18.1 | 46.804N | 17.210E | 1.6 | Cserszegtomaj |
| 13 | 10:00:29.7 | 48.146N | 18.956E | 1.8 | Slovakia |
| 13 | 10:09:51.9 | 47.590N | 18.395E | 1.2 | Tatabánya |
| 13 | 12:16:59.8 | 48.629N | 22.372E | 1.9 | Ukraine |
| 16 | 7:55:57.8 | 46.872N | 22.854E | 1.6 | Romania |
| 16 | 8:23:19.3 | 48.484N | 19.167E | 1.0 | Slovakia |
| 16 | 9:21:35.9 | 47.199N | 18.299E | 0.9 | Székesfehérvár |
| 16 | 9:33:09.8 | 46.108N | 21.766E | 1.6 | Romania |
| 16 | 11:20:03.1 | 47.794N | 19.891E | 1.5 | Gyöngyös |
| 17 | 7:17:51.3 | 46.034N | 22.822E | 1.5 | Romania |
| 17 | 7:19:43.7 | 45.856N | 18.391E | 1.2 | Kisharsány |
| 17 | 7:23:04.7 | 47.290N | 18.401E | 1.9 | Zámoly |
| 17 | 7:49:41.7 | 46.879N | 22.860E | 1.4 | Romania |
| 17 | 8:55:07.1 | 47.352N | 18.396E | 1.7 | Gánt |
| 17 | 9:47:45.5 | 47.165N | 18.241E | 1.0 | Sárkeszi |
| 17 | 10:12:43.4 | 48.523N | 17.506E | 1.8 | Slovakia |
| 17 | 10:55:47.9 | 48.918N | 20.625E | 1.7 | Slovakia |
| 18 | 5:58:06.3 | 47.282N | 18.317E | 1.4 | Magyaralmás |
| 18 | 6:55:02.9 | 46.830N | 22.872E | 1.5 | Romania |
| 18 | 7:09:18.0 | 47.318N | 18.258E | 0.7 | Fehérvárcsurgó |
| 18 | 7:14:43.3 | 47.703N | 18.546E | 1.8 | Bajót |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 18 | 8:19:41.1 | 46.845N | 17.372E | 1.9 | Lesencetomaj |
| 18 | 8:59:45.0 | 48.406N | 17.290E | 1.5 | Slovakia |
| 18 | 9:04:54.8 | 48.550N | 17.436E | 1.5 | Slovakia |
| 18 | 10:08:08.3 | 48.514N | 20.739E | 1.4 | Bódvarákó |
| 18 | 10:14:28.2 | 48.592N | 20.862E | 1.4 | Slovakia |
| 18 | 13:51:01.8 | 46.112N | 18.322E | 0.5 | Hird |
| 18 | 13:53:38.9 | 47.852N | 16.003E | 1.4 | Austria |
| 18 | 15:10:16.7 | 47.505N | 16.311E | 1.7 | Austria |
| 18 | 16:05:19.0 | 47.597N | 16.336E | 0.9 | Austria |
| 19 | 8:25:07.2 | 46.234N | 18.248E | 1.2 | Kisbattyán |
| 19 | 8:26:01.0 | 48.540N | 19.384E | 1.5 | Slovakia |
| 19 | 8:29:13.3 | 48.619N | 20.756E | 1.6 | Slovakia |
| 19 | 9:40:15.8 | 47.186N | 18.255E | 0.9 | Csór |
| 20 | 10:08:36.4 | 48.515N | 20.776E | 1.4 | Tornaszentandrás |
| 20 | 10:49:20.4 | 48.807N | 21.192E | 1.8 | Slovakia |
| 20 | 11:36:30.4 | 47.572N | 16.344E | 1.2 | Austria |
| 20 | 14:45:41.5 | 47.527N | 16.312E | 1.5 | Austria |
| 23 | 6:25:25.7 | 46.051N | 22.827E | 1.5 | Romania |
| 23 | 7:08:52.2 | 46.039N | 22.846E | 1.6 | Romania |
| 23 | 7:31:25.8 | 46.117N | 17.997E | 1.3 | Bükkösd |
| 23 | 7:35:45.9 | 46.882N | 17.267E | 1.4 | Zalaszántó |
| 23 | 10:49:00.7 | 47.313N | 16.327E | 1.8 | Austria |
| 23 | 17:31:13.9 | 47.597N | 16.362E | 1.3 | Austria |
| 24 | 7:23:58.2 | 48.532N | 17.413E | 2.0 | Slovakia |
| 24 | 8:21:03.8 | 47.837N | 19.119E | 1.3 | Szendehely |
| 24 | 8:52:15.3 | 47.190N | 18.263E | 1.0 | Csór |
| 24 | 9:08:10.9 | 47.984N | 20.070E | 1.8 | Mátraballa |
| 24 | 10:00:17.1 | 48.189N | 16.853E | 1.9 | Austria |
| 24 | 16:17:35.7 | 47.589N | 16.343E | 0.9 | Austria |
| 25 | 7:55:17.5 | 48.820N | 18.338E | 1.7 | Slovakia |
| 25 | 9:49:52.8 | 48.518N | 18.740E | 1.7 | Slovakia |
| 25 | 9:53:38.5 | 48.527N | 17.485E | 1.6 | Slovakia |
| 25 | 10:39:54.2 | 48.576N | 20.749E | 1.2 | Tornanádaska |
| 25 | 11:43:26.0 | 47.926N | 16.438E | 1.3 | Austria |
| 25 | 13:58:54.3 | 47.571N | 16.342E | 1.5 | Austria |
| 26 | 7:10:55.2 | 46.014N | 22.768E | 1.5 | Romania |
| 26 | 7:30:12.2 | 47.980N | 16.614E | 1.3 | Austria |
| 26 | 8:09:55.4 | 48.743N | 16.382E | 1.5 | Austria |
| 26 | 8:23:49.9 | 46.045N | 22.897E | 1.6 | Romania |
| 26 | 8:54:39.7 | 48.585N | 20.703E | 1.4 | Slovakia |
| 26 | 8:56:02.5 | 47.345N | 18.458E | 1.1 | Lovasberény |
| 26 | 9:57:58.3 | 48.238N | 21.245E | 2.0 | Tállya |
| 26 | 9:59:02.5 | 48.215N | 21.258E | 1.8 | Mád |
| 26 | 11:09:58.5 | 48.510N | 20.777E | 1.3 | Tornaszentandrás |
| 26 | 12:13:35.0 | 47.923N | 16.072E | 0.8 | Austria |
| 27 | 5:24:57.6 | 47.317N | 18.265E | 0.5 | Söréd |
| 27 | 7:56:30.0 | 47.200N | 18.295E | 1.1 | Székesfehérvár |
| 27 | 7:58:20.5 | 46.139N | 17.968E | 1.2 | Dinnyeberki |
| 27 | 8:13:44.7 | 46.185N | 18.283E | 1.1 | Zobákpusztá |
| 27 | 9:14:42.1 | 48.621N | 20.787E | 2.1 | Slovakia |
| 27 | 9:21:03.0 | 47.220N | 18.312E | 0.9 | Moha |
| 27 | 10:19:34.2 | 46.919N | 22.805E | 1.7 | Romania |
| 27 | 10:21:09.4 | 48.501N | 17.476E | 1.3 | Slovakia |
| 27 | 10:40:40.3 | 47.579N | 18.381E | 1.1 | Tatabánya |
| 27 | 16:04:09.2 | 47.552N | 16.323E | 1.0 | Austria |
| 28 | 8:42:51.3 | 46.170N | 18.297E | 1.1 | Zobákpusztá |
| 30 | 6:57:14.4 | 48.427N | 17.232E | 1.7 | Slovakia |
| 30 | 11:24:01.3 | 48.382N | 19.831E | 1.3 | Slovakia |
| 31 | 6:33:54.8 | 46.031N | 22.792E | 1.4 | Romania |
| 31 | 6:49:49.5 | 47.921N | 19.117E | 1.6 | Rétság |

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| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 31 | 7:31:36.1 | 47.094N | 18.014E | 1.4 | Litér |
| 31 | 7:39:45.6 | 46.030N | 22.881E | 1.7 | Romania |
| 31 | 7:46:16.8 | 45.827N | 18.443E | 0.9 | Nagyharsány |
| 31 | 8:23:07.1 | 48.503N | 17.472E | 1.5 | Slovakia |
| 31 | 8:27:58.5 | 48.572N | 20.737E | 1.4 | Komjáti |
| 31 | 9:55:36.6 | 47.230N | 18.275E | 0.9 | Iszkaszentgyörgy |
| 31 | 10:00:22.5 | 48.162N | 16.909E | 1.9 | Austria |
| 31 | 10:23:19.0 | 47.333N | 18.329E | 1.5 | Csákberény |
| 31 | 10:31:39.5 | 47.366N | 18.434E | 1.5 | Gánt |
| 31 | 18:24:32.3 | 47.583N | 16.331E | 0.8 | Austria |

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|----|------------|---------|---------|-----|----------------|
| 01 | 6:13:59.6 | 47.837N | 19.898E | 1.5 | Gyöngyösoroszi |
| 01 | 6:15:18.6 | 47.918N | 16.055E | 1.0 | Austria |
| 01 | 7:05:53.2 | 48.055N | 20.684E | 1.3 | Kisgyőr |
| 01 | 8:54:01.7 | 46.866N | 17.366E | 1.5 | Lesencetomaj |
| 01 | 9:49:15.6 | 46.038N | 18.476E | 0.6 | Máriakéménd |
| 01 | 10:00:26.9 | 48.172N | 16.849E | 2.0 | Austria |
| 01 | 11:55:25.7 | 47.870N | 16.054E | 1.1 | Austria |
| 01 | 18:37:30.5 | 47.512N | 16.324E | 1.1 | Austria |
| 02 | 8:29:39.7 | 47.339N | 18.439E | 1.5 | Zámoly |
| 02 | 8:31:28.3 | 48.441N | 21.767E | 1.8 | Slovakia |
| 02 | 9:04:29.3 | 48.221N | 21.232E | 2.0 | Rátka |
| 02 | 9:46:19.7 | 47.191N | 18.281E | 1.0 | Sárkeszi |
| 02 | 9:51:27.5 | 47.365N | 18.411E | 1.6 | Gánt |
| 02 | 10:03:58.7 | 46.018N | 22.393E | 1.7 | Romania |
| 02 | 10:12:16.7 | 48.488N | 19.560E | 1.5 | Slovakia |
| 02 | 10:13:33.6 | 48.478N | 19.562E | 1.4 | Slovakia |
| 03 | 6:29:48.0 | 47.915N | 19.420E | 1.6 | Szanda |
| 03 | 7:02:18.8 | 46.041N | 22.898E | 1.6 | Romania |
| 03 | 8:00:03.4 | 47.454N | 18.698E | 1.4 | Etyek |
| 03 | 8:34:26.0 | 48.691N | 19.963E | 1.6 | Slovakia |
| 03 | 8:54:16.1 | 46.041N | 22.841E | 1.7 | Romania |
| 03 | 9:05:07.6 | 47.173N | 18.314E | 1.1 | Székesfehérvár |
| 03 | 9:07:35.1 | 48.427N | 17.281E | 2.0 | Slovakia |
| 03 | 9:18:05.7 | 48.529N | 19.340E | 1.4 | Slovakia |
| 04 | 11:58:23.8 | 47.575N | 16.377E | 0.7 | Austria |
| 06 | 8:04:12.1 | 47.029N | 22.266E | 2.0 | Romania |
| 06 | 9:19:13.9 | 48.652N | 21.361E | 1.8 | Slovakia |
| 06 | 16:39:55.1 | 47.612N | 16.388E | 1.3 | Austria |
| 07 | 8:17:03.9 | 45.942N | 22.661E | 1.7 | Romania |
| 07 | 8:27:39.0 | 48.516N | 17.508E | 1.7 | Slovakia |
| 07 | 8:40:00.5 | 48.496N | 20.809E | 1.5 | Tornabarakony |
| 07 | 9:31:44.9 | 47.194N | 18.297E | 1.0 | Székesfehérvár |
| 07 | 9:35:55.0 | 48.513N | 17.430E | 1.3 | Slovakia |
| 07 | 10:31:03.7 | 47.908N | 20.134E | 1.8 | Recsk |
| 07 | 10:50:14.4 | 47.867N | 19.139E | 1.4 | Nótincs |
| 07 | 11:21:06.7 | 47.099N | 18.005E | 1.4 | Litér |
| 08 | 7:46:19.9 | 48.590N | 20.732E | 2.1 | Slovakia |
| 08 | 7:52:44.0 | 47.694N | 18.554E | 1.8 | Mogyorósbánya |
| 08 | 7:53:14.1 | 48.827N | 19.411E | 1.8 | Slovakia |
| 08 | 8:07:24.8 | 47.808N | 19.903E | 1.5 | Gyöngyösoroszi |
| 08 | 8:46:51.4 | 48.102N | 19.647E | 1.2 | Ságújfalu |
| 08 | 9:01:51.5 | 47.198N | 18.312E | 0.7 | Székesfehérvár |
| 08 | 9:59:32.2 | 48.442N | 17.237E | 1.7 | Slovakia |
| 08 | 10:08:53.4 | 46.018N | 18.482E | 0.7 | Monyoród |
| 08 | 12:20:19.1 | 47.607N | 18.320E | 1.2 | Környe |
| 08 | 14:24:07.5 | 47.870N | 16.466E | 1.1 | Austria |
| 09 | 6:59:00.2 | 47.367N | 18.498E | 1.3 | Csákvár |
| 09 | 8:10:14.9 | 48.264N | 21.263E | 1.8 | Tállya |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|----------------|
| 09 | 9:04:32.5 | 46.032N | 22.830E | 1.6 | Romania |
| 09 | 9:33:50.7 | 46.052N | 22.076E | 1.5 | Romania |
| 09 | 10:00:11.0 | 47.355N | 18.457E | 1.4 | Csákvár |
| 09 | 11:17:10.8 | 48.902N | 21.055E | 1.4 | Slovakia |
| 09 | 11:27:47.8 | 47.910N | 16.123E | 1.0 | Austria |
| 09 | 13:43:23.4 | 47.100N | 19.395E | 1.9 | Örkény |
| 10 | 7:16:43.0 | 47.896N | 19.417E | 1.9 | Bercel |
| 10 | 7:53:39.8 | 48.443N | 17.226E | 1.8 | Slovakia |
| 10 | 7:57:02.4 | 46.137N | 18.035E | 1.0 | Hetvehely |
| 10 | 10:00:41.1 | 48.140N | 16.910E | 1.6 | Austria |
| 10 | 10:05:40.1 | 45.936N | 22.862E | 1.6 | Romania |
| 10 | 11:00:17.7 | 47.704N | 18.723E | 1.4 | Csolnok |
| 10 | 11:31:53.4 | 47.877N | 16.442E | 0.9 | Austria |
| 10 | 15:34:07.7 | 45.518N | 17.329E | 1.3 | Croatia |
| 13 | 7:38:53.9 | 46.936N | 17.432E | 1.4 | Sáska |
| 13 | 8:56:00.0 | 46.980N | 22.703E | 1.6 | Romania |
| 13 | 11:01:00.3 | 48.341N | 19.891E | 1.7 | Slovakia |
| 14 | 6:41:14.1 | 47.907N | 20.038E | 1.5 | Parád |
| 14 | 7:45:21.2 | 47.327N | 18.456E | 1.2 | Pátka |
| 14 | 7:56:23.2 | 47.344N | 18.471E | 1.1 | Lovasberény |
| 14 | 8:54:26.5 | 47.008N | 18.009E | 1.4 | Balatonalmádi |
| 14 | 10:49:13.4 | 48.482N | 19.576E | 1.4 | Slovakia |
| 14 | 10:51:51.1 | 48.477N | 19.562E | 1.3 | Slovakia |
| 14 | 11:48:09.8 | 48.638N | 20.775E | 1.7 | Slovakia |
| 15 | 8:47:45.5 | 46.893N | 17.325E | 1.6 | Várvölgy |
| 15 | 9:18:31.2 | 47.224N | 18.296E | 0.7 | Moha |
| 15 | 10:09:40.5 | 47.812N | 20.169E | 1.5 | Vécs |
| 15 | 13:21:12.1 | 47.315N | 16.354E | 1.8 | Austria |
| 16 | 6:38:39.2 | 48.748N | 19.293E | 1.3 | Slovakia |
| 16 | 8:34:49.9 | 47.349N | 18.413E | 1.4 | Gánt |
| 16 | 8:44:57.0 | 48.405N | 20.737E | 1.1 | Szendrő |
| 16 | 8:51:48.4 | 46.185N | 18.275E | 1.4 | Komló |
| 16 | 9:08:50.0 | 46.049N | 22.844E | 1.6 | Romania |
| 16 | 9:15:42.2 | 46.102N | 21.787E | 1.7 | Romania |
| 16 | 9:18:20.1 | 48.810N | 21.628E | 1.9 | Slovakia |
| 16 | 9:42:45.2 | 48.227N | 21.253E | 2.0 | Tállya |
| 16 | 10:04:16.0 | 48.718N | 18.617E | 1.9 | Slovakia |
| 16 | 13:12:09.6 | 47.569N | 18.410E | 1.0 | Tatabánya |
| 17 | 6:58:34.6 | 47.404N | 18.442E | 1.1 | Csákvár |
| 17 | 8:03:32.2 | 46.125N | 18.025E | 1.2 | Bükkösd |
| 17 | 8:27:12.3 | 46.195N | 18.281E | 1.7 | Komló |
| 17 | 9:49:59.9 | 48.441N | 19.129E | 1.5 | Slovakia |
| 17 | 10:31:31.7 | 46.018N | 18.466E | 0.6 | Máriakéménd |
| 17 | 10:49:56.5 | 48.515N | 17.457E | 1.3 | Slovakia |
| 20 | 8:56:47.9 | 48.605N | 20.720E | 1.6 | Slovakia |
| 20 | 8:57:52.6 | 47.087N | 17.997E | 1.3 | Litér |
| 20 | 9:59:38.5 | 48.420N | 17.243E | 1.9 | Slovakia |
| 20 | 10:28:33.8 | 47.201N | 18.294E | 0.9 | Székesfehérvár |
| 21 | 8:04:07.5 | 47.109N | 17.899E | 1.5 | Veszprém |
| 21 | 8:29:02.8 | 47.355N | 18.486E | 0.9 | Lovasberény |
| 21 | 9:44:51.0 | 46.979N | 22.670E | 1.6 | Romania |
| 22 | 7:10:13.5 | 48.055N | 20.287E | 1.1 | Egercsehi |
| 22 | 7:15:59.2 | 47.079N | 18.034E | 1.2 | Litér |
| 22 | 9:05:00.4 | 46.854N | 22.832E | 1.9 | Romania |
| 22 | 9:39:24.6 | 48.910N | 21.050E | 1.6 | Slovakia |
| 22 | 9:57:50.6 | 47.911N | 20.180E | 1.7 | Sirok |
| 23 | 7:37:28.1 | 47.354N | 18.468E | 1.1 | Csákvár |
| 23 | 9:46:15.2 | 48.229N | 21.275E | 2.0 | Tállya |
| 23 | 10:00:29.3 | 48.156N | 16.867E | 1.9 | Austria |
| 23 | 10:14:13.5 | 47.869N | 19.172E | 1.5 | Ósagárd |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 23 | 10:54:24.8 | 48.278N | 19.867E | 2.1 | Slovakia |
| 23 | 12:20:37.1 | 47.336N | 16.327E | 1.6 | Austria |
| 24 | 8:32:36.0 | 47.903N | 20.160E | 2.2 | Tarnaszentmária |
| 24 | 9:11:29.2 | 48.531N | 19.363E | 2.1 | Slovakia |
| 24 | 10:43:08.5 | 47.702N | 18.718E | 1.4 | Csolnok |
| 27 | 5:50:24.8 | 47.277N | 18.361E | 1.3 | Magyaralmás |
| 27 | 9:11:20.6 | 48.073N | 20.701E | 1.5 | Miskolctapolca |
| 27 | 9:15:47.6 | 46.275N | 22.019E | 1.7 | Romania |
| 27 | 10:39:03.9 | 47.337N | 18.483E | 1.2 | Lovasberény |
| 28 | 7:49:00.6 | 45.873N | 18.403E | 1.1 | Villánykövesd |
| 28 | 7:50:05.5 | 45.857N | 18.410E | 1.1 | Nagyharsány |
| 28 | 8:11:30.1 | 46.062N | 22.830E | 1.7 | Romania |
| 28 | 10:27:33.0 | 47.799N | 19.000E | 1.7 | Kisoroszi |
| 28 | 11:07:52.9 | 46.015N | 18.474E | 0.5 | Monyoród |
| 28 | 11:19:11.1 | 46.008N | 18.458E | 0.7 | Szederkény |
| 28 | 11:36:02.1 | 47.908N | 20.148E | 1.8 | Recsk |
| 28 | 15:25:32.5 | 47.555N | 16.337E | 1.4 | Austria |
| 29 | 7:07:31.6 | 47.975N | 16.624E | 1.2 | Austria |
| 29 | 8:09:53.7 | 46.113N | 18.049E | 1.0 | Bükkösd |
| 29 | 8:25:25.9 | 46.129N | 18.024E | 1.0 | Hetvehely |
| 29 | 9:16:34.9 | 47.164N | 18.152E | 0.7 | Pétfürdő |
| 29 | 9:28:45.6 | 46.874N | 17.268E | 1.8 | Zalaszántó |
| 29 | 9:35:33.5 | 48.391N | 20.676E | 1.3 | Alsótelkes |
| 29 | 12:29:04.6 | 47.073N | 19.418E | 1.9 | Tatárszentgyörgy |
| 29 | 12:45:53.6 | 47.070N | 19.379E | 1.8 | Tatárszentgyörgy |
| 30 | 6:44:19.4 | 47.356N | 18.414E | 1.1 | Gánt |
| 30 | 8:28:51.3 | 48.253N | 19.847E | 2.0 | Slovakia |
| 30 | 10:39:18.2 | 48.258N | 21.231E | 2.0 | Tállya |
| 30 | 10:39:49.8 | 48.203N | 21.244E | 1.9 | Mád |
| 30 | 13:43:49.8 | 47.082N | 19.391E | 1.7 | Tatárszentgyörgy |
| 30 | 13:56:32.5 | 47.095N | 19.339E | 1.8 | Tatárszentgyörgy |

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| | | | | | |
|----|------------|---------|---------|-----|-------------------|
| 01 | 6:45:42.8 | 47.988N | 20.066E | 2.3 | Mátraballa |
| 01 | 8:29:55.0 | 47.310N | 18.361E | 1.3 | Zámoly |
| 01 | 8:33:42.1 | 48.565N | 20.372E | 1.6 | Slovakia |
| 01 | 9:37:11.4 | 48.039N | 19.628E | 1.2 | Nagylóc |
| 01 | 10:36:31.3 | 48.610N | 20.562E | 1.5 | Slovakia |
| 01 | 11:00:22.6 | 48.891N | 20.921E | 1.9 | Slovakia |
| 02 | 8:46:48.8 | 46.176N | 18.285E | 0.7 | Zobákpuszta |
| 04 | 6:45:18.1 | 46.030N | 22.789E | 1.8 | Romania |
| 04 | 7:13:56.6 | 46.147N | 18.055E | 1.0 | Okorvölgy |
| 04 | 8:12:02.8 | 46.027N | 22.867E | 1.7 | Romania |
| 04 | 8:19:07.1 | 47.868N | 19.148E | 1.5 | Nótincs |
| 04 | 8:46:19.2 | 48.495N | 19.396E | 2.0 | Slovakia |
| 04 | 10:35:05.8 | 46.996N | 22.280E | 2.2 | Romania |
| 04 | 11:01:37.0 | 48.872N | 20.915E | 1.8 | Slovakia |
| 04 | 12:44:28.3 | 47.579N | 18.421E | 1.1 | Tatabánya |
| 04 | 12:58:13.9 | 47.859N | 16.031E | 1.3 | Austria |
| 05 | 7:05:37.0 | 47.956N | 16.567E | 1.3 | Austria |
| 05 | 7:32:29.7 | 47.361N | 18.448E | 1.3 | Gánt |
| 05 | 8:32:18.9 | 47.968N | 20.138E | 1.7 | Terpes |
| 05 | 10:03:47.8 | 47.208N | 18.334E | 1.2 | Székesfehérvár |
| 05 | 10:28:33.8 | 46.955N | 17.294E | 1.4 | Sümegeprága |
| 05 | 10:46:55.4 | 47.832N | 19.118E | 1.3 | Szendehely |
| 05 | 11:15:51.6 | 48.462N | 19.563E | 1.9 | Slovakia |
| 05 | 11:53:34.8 | 48.578N | 20.754E | 1.6 | Tornanádaska |
| 05 | 12:30:17.5 | 47.594N | 16.346E | 1.6 | Austria |
| 06 | 7:21:51.1 | 47.099N | 18.041E | 1.3 | Királyszentistván |
| 06 | 8:19:17.6 | 47.337N | 17.619E | 1.1 | Béb |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 07 | 6:57:60.0 | 48.029N | 20.075E | 1.5 | Erdőkövesd |
| 07 | 7:12:52.4 | 48.105N | 21.324E | 1.7 | Tarcal |
| 07 | 9:06:10.7 | 47.169N | 18.281E | 0.7 | Sárkeszi |
| 07 | 10:24:59.8 | 48.832N | 21.613E | 1.8 | Slovakia |
| 08 | 6:25:38.7 | 47.333N | 18.457E | 1.4 | Lovasberény |
| 08 | 9:10:01.9 | 46.173N | 18.289E | 1.4 | Zobákpusztá |
| 08 | 9:29:03.3 | 48.239N | 21.236E | 2.0 | Tállya |
| 08 | 10:00:23.0 | 48.174N | 16.878E | 1.6 | Austria |
| 08 | 11:52:42.3 | 47.962N | 20.129E | 1.5 | Szajla |
| 11 | 8:11:08.4 | 47.716N | 18.717E | 1.8 | Csolnok |
| 11 | 8:17:00.7 | 48.558N | 19.294E | 1.7 | Slovakia |
| 11 | 8:29:14.1 | 48.540N | 17.473E | 1.8 | Slovakia |
| 11 | 11:24:54.6 | 48.361N | 19.857E | 1.5 | Slovakia |
| 11 | 11:53:55.3 | 46.279N | 22.980E | 1.7 | Romania |
| 12 | 7:56:57.8 | 48.600N | 17.485E | 1.6 | Slovakia |
| 12 | 8:12:47.2 | 48.822N | 16.045E | 1.7 | Austria |
| 12 | 8:50:39.0 | 47.340N | 18.428E | 1.8 | Zámoly |
| 12 | 9:42:29.3 | 47.335N | 18.450E | 2.2 | Zámoly |
| 12 | 9:48:10.4 | 48.903N | 20.530E | 2.2 | Slovakia |
| 12 | 10:00:24.4 | 48.118N | 16.941E | 1.8 | Austria |
| 13 | 6:08:57.0 | 47.302N | 18.330E | 1.1 | Magyaralmás |
| 13 | 7:03:26.6 | 47.946N | 16.594E | 1.3 | Austria |
| 13 | 9:12:31.8 | 46.890N | 17.314E | 2.2 | Várvölgy |
| 13 | 9:32:30.3 | 47.210N | 18.291E | 0.5 | Iszkaszentgyörgy |
| 13 | 9:35:11.1 | 48.482N | 17.479E | 1.6 | Slovakia |
| 13 | 11:24:59.2 | 47.924N | 16.115E | 1.1 | Austria |
| 13 | 13:05:18.2 | 46.914N | 22.875E | 1.5 | Romania |
| 13 | 13:06:38.5 | 47.082N | 19.429E | 1.9 | Tatárszentgyörgy |
| 13 | 13:20:48.9 | 47.105N | 19.321E | 1.8 | Tatárszentgyörgy |
| 14 | 7:17:20.1 | 48.615N | 18.536E | 1.6 | Slovakia |
| 14 | 7:54:43.4 | 47.332N | 18.451E | 1.4 | Zámoly |
| 14 | 9:45:33.8 | 47.610N | 18.407E | 1.1 | Vértesszőlős |
| 14 | 9:50:52.0 | 47.195N | 18.304E | 0.8 | Székesfehérvár |
| 14 | 13:17:35.5 | 48.949N | 21.215E | 1.8 | Slovakia |
| 15 | 7:59:00.8 | 48.084N | 19.614E | 1.3 | Nógrádmegyer |
| 15 | 8:04:34.7 | 46.132N | 18.050E | 1.2 | Hetvehely |
| 15 | 8:16:35.8 | 47.866N | 19.132E | 1.7 | Nőtincs |
| 15 | 9:04:43.7 | 45.840N | 18.417E | 1.2 | Nagyharsány |
| 15 | 9:06:19.2 | 45.844N | 18.435E | 1.3 | Nagyharsány |
| 15 | 9:12:23.0 | 47.208N | 18.284E | 0.7 | Iszkaszentgyörgy |
| 15 | 9:55:41.0 | 46.789N | 22.848E | 1.8 | Romania |
| 15 | 10:26:31.8 | 46.020N | 18.489E | 0.9 | Monyoród |
| 15 | 11:58:17.5 | 48.815N | 21.608E | 1.8 | Slovakia |
| 15 | 15:53:38.6 | 48.893N | 21.806E | 1.6 | Slovakia |
| 16 | 8:41:25.5 | 46.176N | 18.279E | 1.2 | Zobákpusztá |
| 18 | 7:42:06.0 | 47.296N | 18.325E | 1.2 | Magyaralmás |
| 18 | 9:01:21.0 | 48.568N | 20.745E | 1.4 | Komjáti |
| 18 | 9:04:20.5 | 47.531N | 18.681E | 1.0 | Mány |
| 18 | 9:17:00.2 | 46.018N | 22.028E | 1.4 | Romania |
| 18 | 10:30:55.1 | 48.418N | 17.235E | 1.6 | Slovakia |
| 19 | 7:37:24.7 | 48.790N | 16.161E | 2.0 | Austria |
| 19 | 7:47:53.0 | 47.854N | 19.919E | 1.7 | Mátraháza |
| 19 | 7:55:49.6 | 47.348N | 18.447E | 1.6 | Gánt |
| 19 | 8:45:30.1 | 48.196N | 21.251E | 1.9 | Mád |
| 19 | 8:55:19.0 | 46.048N | 22.788E | 1.7 | Romania |
| 19 | 8:56:13.2 | 46.063N | 22.797E | 1.5 | Romania |
| 19 | 9:40:03.8 | 47.234N | 18.287E | 0.9 | Iszkaszentgyörgy |
| 19 | 10:19:41.1 | 48.570N | 20.753E | 1.5 | Tornanádaska |
| 20 | 9:19:54.6 | 47.229N | 18.301E | 0.8 | Moha |
| 20 | 9:31:37.4 | 47.951N | 20.028E | 1.8 | Bodony |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 20 | 9:44:10.5 | 47.578N | 18.449E | 0.8 | Tatabánya |
| 20 | 9:48:23.3 | 48.499N | 17.463E | 1.9 | Slovakia |
| 20 | 10:37:33.0 | 48.582N | 20.721E | 1.5 | Slovakia |
| 20 | 14:37:05.8 | 47.106N | 19.351E | 1.8 | Tatárszentgyörgy |
| 20 | 14:59:56.5 | 47.069N | 19.387E | 2.0 | Tatárszentgyörgy |
| 20 | 15:22:03.0 | 47.607N | 16.350E | 1.2 | Austria |
| 21 | 7:14:27.2 | 47.332N | 18.452E | 1.5 | Zámoly |
| 21 | 8:20:32.4 | 48.397N | 19.116E | 1.8 | Slovakia |
| 21 | 9:17:28.8 | 47.227N | 18.254E | 0.9 | Iszkaszentgyörgy |
| 21 | 9:39:36.9 | 48.236N | 21.309E | 2.1 | Erdőbénye |
| 21 | 11:34:54.4 | 48.646N | 20.221E | 1.5 | Slovakia |
| 21 | 14:09:40.3 | 47.095N | 19.392E | 1.9 | Tatárszentgyörgy |
| 22 | 7:57:15.8 | 46.772N | 22.827E | 1.6 | Romania |
| 22 | 8:02:10.6 | 47.356N | 18.491E | 1.3 | Lovasberény |
| 22 | 8:57:06.4 | 48.409N | 18.634E | 1.8 | Slovakia |
| 22 | 9:20:28.1 | 47.867N | 19.165E | 1.4 | Ősagárd |
| 22 | 10:44:50.0 | 46.105N | 21.691E | 1.5 | Romania |
| 25 | 7:24:45.5 | 47.679N | 18.492E | 1.1 | Héreg |
| 25 | 7:41:46.6 | 46.062N | 22.774E | 1.8 | Romania |
| 25 | 10:01:54.4 | 48.487N | 19.571E | 1.3 | Slovakia |
| 25 | 11:01:23.1 | 48.641N | 20.721E | 1.2 | Slovakia |
| 26 | 8:31:52.1 | 48.876N | 20.536E | 1.9 | Slovakia |
| 26 | 8:37:44.8 | 47.333N | 18.443E | 1.8 | Zámoly |
| 26 | 9:10:08.4 | 47.217N | 18.308E | 0.6 | Moha |
| 26 | 9:43:12.1 | 48.578N | 20.756E | 1.5 | Tornanádaska |
| 26 | 10:07:01.1 | 47.343N | 18.436E | 1.7 | Zámoly |
| 27 | 7:55:07.7 | 45.847N | 18.396E | 1.4 | Nagyharsány |
| 27 | 8:55:05.9 | 48.607N | 20.748E | 2.0 | Slovakia |
| 27 | 9:50:25.3 | 46.832N | 17.347E | 1.8 | Lesencefalva |
| 27 | 10:15:59.9 | 47.205N | 18.291E | 0.7 | Iszkaszentgyörgy |
| 27 | 11:36:30.6 | 46.185N | 16.354E | 2.2 | Croatia |
| 27 | 12:38:47.5 | 48.805N | 20.721E | 1.7 | Slovakia |
| 28 | 7:31:25.2 | 47.345N | 17.625E | 1.4 | Csót |
| 28 | 9:10:33.4 | 46.958N | 22.726E | 1.9 | Romania |
| 28 | 9:38:12.9 | 48.270N | 21.181E | 2.0 | Abaújszántó |
| 28 | 10:29:46.3 | 48.446N | 17.318E | 1.7 | Slovakia |
| 28 | 10:51:47.5 | 47.950N | 20.113E | 1.8 | Szajla |
| 28 | 12:05:32.3 | 48.913N | 21.123E | 1.6 | Slovakia |
| 28 | 12:38:33.3 | 46.157N | 17.979E | 1.0 | Hetvehely |
| 28 | 13:00:38.3 | 47.873N | 16.059E | 1.5 | Austria |
| 29 | 8:50:43.4 | 46.896N | 17.322E | 1.9 | Várvölgy |
| 29 | 9:20:05.8 | 47.707N | 18.706E | 1.6 | Csolnok |
| 29 | 12:46:17.4 | 46.103N | 21.725E | 2.0 | Romania |
| 29 | 15:01:40.6 | 47.597N | 16.332E | 1.8 | Austria |

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| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 01 | 9:05:26.3 | 46.039N | 22.795E | 1.7 | Romania |
| 01 | 10:53:42.1 | 46.022N | 22.805E | 1.6 | Romania |
| 02 | 8:35:05.3 | 48.089N | 20.720E | 1.3 | Miskolctapolca |
| 02 | 9:26:42.1 | 48.621N | 20.705E | 1.5 | Slovakia |
| 02 | 11:00:41.5 | 47.856N | 19.125E | 1.5 | Szendehely |
| 02 | 11:41:52.8 | 47.883N | 19.159E | 1.5 | Nótincs |
| 02 | 13:20:19.5 | 47.955N | 16.059E | 1.3 | Austria |
| 03 | 9:11:22.9 | 48.713N | 18.707E | 1.9 | Slovakia |
| 03 | 9:26:10.1 | 47.556N | 18.696E | 0.9 | Zsámbék |
| 03 | 9:53:23.2 | 47.012N | 17.850E | 1.6 | Hidegkút |
| 03 | 10:26:19.0 | 47.233N | 18.247E | 1.0 | Iszkaszentgyörgy |
| 03 | 11:23:54.9 | 48.604N | 20.745E | 1.5 | Slovakia |
| 03 | 14:40:51.5 | 47.870N | 16.074E | 1.2 | Austria |
| 03 | 15:09:46.1 | 47.605N | 18.410E | 0.8 | Vértesszőlős |

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Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 03 | 15:18:34.7 | 47.547N | 18.508E | 1.0 | Szárliget |
| 04 | 8:41:27.7 | 48.397N | 21.342E | 1.8 | Regéc |
| 04 | 9:31:19.0 | 47.627N | 16.243E | 1.7 | Austria |
| 04 | 10:02:43.7 | 48.548N | 19.378E | 1.4 | Slovakia |
| 04 | 10:22:14.8 | 48.451N | 19.173E | 0.7 | Slovakia |
| 04 | 10:33:42.3 | 48.638N | 21.486E | 1.8 | Slovakia |
| 04 | 11:00:28.6 | 48.140N | 16.923E | 1.8 | Austria |
| 05 | 8:34:38.0 | 48.446N | 19.593E | 1.6 | Slovakia |
| 05 | 9:10:25.3 | 48.501N | 20.724E | 1.2 | Bódvarákó |
| 05 | 10:21:17.9 | 47.240N | 18.252E | 0.8 | Iszkaszentgyörgy |
| 06 | 9:13:58.6 | 47.315N | 18.473E | 1.4 | Pátka |
| 06 | 9:22:09.8 | 46.155N | 18.304E | 0.9 | Vasas |
| 08 | 8:58:11.8 | 48.613N | 17.493E | 1.8 | Slovakia |
| 08 | 8:59:48.5 | 47.155N | 18.099E | 1.4 | Öskü |
| 08 | 9:04:25.8 | 47.836N | 19.156E | 1.6 | Ősagárd |
| 08 | 9:16:20.5 | 47.800N | 18.975E | 1.7 | Kisoroszi |
| 08 | 9:50:52.7 | 47.893N | 19.399E | 1.5 | Bercel |
| 08 | 11:23:07.9 | 47.871N | 19.123E | 1.5 | Nótincs |
| 08 | 11:34:33.2 | 48.304N | 19.860E | 1.9 | Slovakia |
| 08 | 12:11:49.5 | 47.920N | 16.473E | 1.5 | Austria |
| 08 | 14:11:58.5 | 48.628N | 20.746E | 1.2 | Slovakia |
| 08 | 15:13:16.0 | 47.096N | 19.470E | 2.0 | Táborfalva |
| 08 | 15:33:42.8 | 47.116N | 19.348E | 1.8 | Örkény |
| 09 | 8:11:07.6 | 48.543N | 20.785E | 1.3 | Bódvalenke |
| 09 | 10:11:40.5 | 46.011N | 18.506E | 0.7 | Versend |
| 09 | 10:16:47.0 | 47.230N | 18.265E | 0.9 | Iszkaszentgyörgy |
| 09 | 10:28:05.8 | 48.446N | 19.205E | 1.2 | Slovakia |
| 09 | 11:15:09.0 | 48.841N | 21.609E | 2.0 | Slovakia |
| 09 | 13:18:06.8 | 48.578N | 20.828E | 1.6 | Hidvégardó |
| 09 | 13:50:48.3 | 47.852N | 16.037E | 1.6 | Austria |
| 09 | 14:31:14.8 | 47.556N | 16.349E | 1.1 | Austria |
| 09 | 15:14:42.5 | 47.080N | 19.390E | 2.0 | Tatárszentgyörgy |
| 09 | 15:37:20.6 | 47.111N | 19.375E | 1.9 | Örkény |
| 10 | 8:20:28.9 | 47.175N | 18.238E | 1.2 | Csór |
| 10 | 9:11:54.4 | 48.797N | 19.479E | 1.9 | Slovakia |
| 10 | 9:31:20.4 | 47.585N | 16.299E | 1.9 | Austria |
| 10 | 9:51:47.3 | 46.133N | 18.039E | 1.4 | Hetvehely |
| 10 | 10:30:24.9 | 48.591N | 20.720E | 1.6 | Slovakia |
| 10 | 10:37:26.8 | 47.193N | 18.275E | 0.6 | Csór |
| 10 | 10:51:18.4 | 46.897N | 17.332E | 2.2 | Várvölgy |
| 10 | 10:59:48.0 | 46.858N | 17.315E | 1.8 | Várvölgy |
| 10 | 11:03:51.5 | 48.505N | 19.399E | 1.4 | Slovakia |
| 10 | 12:39:50.6 | 48.447N | 17.203E | 1.9 | Slovakia |
| 10 | 15:00:56.0 | 47.110N | 19.336E | 1.9 | Tatárszentgyörgy |
| 10 | 15:14:56.9 | 47.076N | 19.413E | 2.0 | Tatárszentgyörgy |
| 11 | 7:51:45.6 | 47.325N | 18.461E | 1.3 | Pátka |
| 11 | 8:10:42.7 | 47.799N | 20.003E | 1.9 | Abasár |
| 11 | 8:42:22.8 | 46.445N | 22.448E | 1.6 | Romania |
| 11 | 10:07:52.7 | 48.606N | 20.756E | 1.6 | Slovakia |
| 11 | 10:49:09.0 | 47.307N | 18.466E | 1.6 | Pátka |
| 11 | 10:56:22.2 | 48.221N | 21.259E | 2.0 | Tállya |
| 11 | 11:06:12.0 | 48.362N | 19.837E | 1.7 | Slovakia |
| 11 | 13:10:19.6 | 46.018N | 21.898E | 1.5 | Romania |
| 11 | 15:29:01.7 | 47.080N | 19.451E | 1.8 | Táborfalva |
| 12 | 8:36:15.4 | 48.758N | 16.334E | 2.0 | Austria |
| 12 | 9:10:06.7 | 47.365N | 18.454E | 1.9 | Csákvár |
| 12 | 9:21:39.1 | 48.620N | 20.794E | 1.7 | Slovakia |
| 12 | 9:29:59.5 | 48.519N | 17.531E | 1.9 | Slovakia |
| 12 | 9:34:23.1 | 48.961N | 16.453E | 2.0 | Czechia |
| 12 | 10:02:50.9 | 46.178N | 18.292E | 0.9 | Zobákpusztá |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 12 | 10:31:50.3 | 47.453N | 16.320E | 1.9 | Austria |
| 12 | 11:00:37.4 | 48.164N | 16.861E | 2.1 | Austria |
| 12 | 11:05:47.7 | 47.875N | 20.134E | 1.7 | Tarnaszentmária |
| 12 | 11:11:56.9 | 47.875N | 20.129E | 1.8 | Tarnaszentmária |
| 12 | 12:25:23.5 | 47.006N | 22.316E | 2.0 | Romania |
| 12 | 13:01:32.3 | 47.746N | 18.689E | 1.0 | Tokod |
| 15 | 6:23:26.4 | 47.291N | 18.360E | 1.4 | Magyaralmás |
| 15 | 9:06:09.0 | 48.001N | 20.329E | 1.2 | Szarvaskő |
| 15 | 9:17:02.1 | 48.819N | 20.107E | 1.2 | Slovakia |
| 15 | 9:38:25.7 | 48.901N | 21.044E | 1.5 | Slovakia |
| 15 | 9:45:54.9 | 48.876N | 21.323E | 1.7 | Slovakia |
| 15 | 9:53:59.0 | 47.891N | 20.107E | 2.2 | Tarnaszentmária |
| 15 | 10:09:08.1 | 47.880N | 20.097E | 2.1 | Kisnána |
| 15 | 10:46:31.3 | 48.628N | 20.763E | 1.9 | Slovakia |
| 15 | 14:30:47.6 | 47.869N | 16.050E | 1.5 | Austria |
| 16 | 8:18:27.3 | 46.070N | 22.839E | 1.8 | Romania |
| 16 | 8:20:21.2 | 46.061N | 22.828E | 1.8 | Romania |
| 16 | 9:16:05.8 | 47.330N | 18.463E | 1.5 | Lovasberény |
| 16 | 9:53:51.2 | 47.103N | 18.054E | 1.6 | Vilonya |
| 16 | 10:06:46.7 | 48.515N | 18.733E | 1.7 | Slovakia |
| 16 | 10:51:35.7 | 46.017N | 18.500E | 0.8 | Monyoród |
| 16 | 10:59:49.4 | 46.042N | 22.848E | 1.7 | Romania |
| 16 | 12:25:58.0 | 47.559N | 18.447E | 1.1 | Tatabánya |
| 17 | 9:52:11.7 | 45.617N | 17.306E | 2.0 | Croatia |
| 17 | 10:00:35.5 | 47.207N | 18.266E | 0.8 | Csór |
| 17 | 10:05:00.2 | 46.853N | 17.449E | 1.8 | Kisapáti |
| 17 | 10:56:12.3 | 47.892N | 16.069E | 1.3 | Austria |
| 17 | 11:56:40.5 | 46.939N | 22.685E | 1.7 | Romania |
| 18 | 7:07:16.0 | 47.158N | 18.206E | 1.0 | Ósi |
| 18 | 8:33:04.6 | 47.332N | 18.461E | 1.2 | Lovasberény |
| 18 | 9:00:27.7 | 46.132N | 18.037E | 1.5 | Hetvehely |
| 18 | 9:30:25.4 | 47.886N | 16.069E | 1.5 | Austria |
| 18 | 9:34:20.0 | 47.334N | 18.413E | 2.0 | Zámoly |
| 18 | 9:48:57.4 | 48.737N | 18.727E | 1.7 | Slovakia |
| 18 | 9:54:09.1 | 48.600N | 20.727E | 1.6 | Slovakia |
| 18 | 10:07:18.1 | 45.979N | 22.659E | 1.9 | Romania |
| 18 | 10:32:57.0 | 48.473N | 20.784E | 1.2 | Martonyi |
| 18 | 10:59:38.4 | 48.472N | 19.575E | 1.4 | Slovakia |
| 18 | 11:02:48.9 | 48.462N | 19.558E | 1.4 | Slovakia |
| 18 | 14:54:54.6 | 47.078N | 19.403E | 1.9 | Tatárszentgyörgy |
| 18 | 15:12:10.7 | 47.109N | 19.358E | 2.0 | Örkény |
| 19 | 7:59:45.3 | 47.878N | 19.167E | 1.7 | Nótincs |
| 19 | 8:50:20.7 | 48.402N | 19.125E | 1.8 | Slovakia |
| 19 | 9:38:16.3 | 48.258N | 19.820E | 1.8 | Slovakia |
| 19 | 10:27:03.1 | 48.192N | 21.302E | 2.4 | Mád |
| 19 | 12:27:17.6 | 47.312N | 17.621E | 1.2 | Homokbödöge |
| 20 | 10:48:07.2 | 46.251N | 18.257E | 1.3 | Kisbattyán |
| 22 | 9:15:02.0 | 47.593N | 16.684E | 0.9 | Nagycenk |
| 22 | 9:59:33.7 | 48.583N | 20.695E | 1.6 | Slovakia |
| 22 | 10:22:12.8 | 48.533N | 20.706E | 1.2 | Bódvaszilas |
| 23 | 9:10:31.8 | 47.347N | 18.474E | 1.8 | Lovasberény |
| 23 | 9:58:22.2 | 48.535N | 17.469E | 1.3 | Slovakia |
| 23 | 10:29:53.9 | 47.181N | 18.285E | 0.7 | Sárkeszi |
| 24 | 8:22:57.3 | 47.327N | 17.644E | 1.2 | Béb |
| 24 | 8:38:53.4 | 46.885N | 17.353E | 2.1 | Lesenceistvánd |
| 24 | 10:04:41.0 | 48.575N | 20.740E | 1.7 | Tornanádaska |
| 24 | 10:45:05.9 | 48.366N | 18.472E | 1.4 | Slovakia |
| 24 | 10:46:07.2 | 47.190N | 18.298E | 0.8 | Székesfehérvár |
| 24 | 11:41:19.0 | 47.858N | 20.163E | 1.6 | Tarnaszentmária |
| 24 | 13:16:04.9 | 47.600N | 18.431E | 1.0 | Tatabánya |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|----|------------|---------|---------|-----|----------------|
| 24 | 14:57:52.8 | 47.529N | 16.372E | 1.6 | Austria |
| 25 | 9:03:10.3 | 47.327N | 18.438E | 1.5 | Zámoly |
| 25 | 9:34:18.3 | 45.863N | 18.421E | 1.2 | Villány |
| 25 | 12:15:22.8 | 48.589N | 20.746E | 1.8 | Slovakia |
| 26 | 9:16:08.7 | 46.899N | 22.599E | 1.8 | Romania |
| 26 | 9:23:17.5 | 47.457N | 18.757E | 1.1 | Etyek |
| 26 | 9:27:24.4 | 46.216N | 18.263E | 1.3 | Komló |
| 26 | 9:31:04.9 | 48.440N | 19.571E | 1.3 | Slovakia |
| 26 | 9:37:20.0 | 46.231N | 18.241E | 0.8 | Komló |
| 26 | 9:39:14.4 | 47.726N | 18.754E | 2.0 | Kesztölc |
| 29 | 7:22:58.4 | 47.289N | 18.330E | 1.5 | Magyaralmás |
| 29 | 9:04:51.4 | 48.093N | 16.261E | 1.2 | Austria |
| 29 | 9:06:45.0 | 47.823N | 19.905E | 1.5 | Gyöngyösoroszi |
| 29 | 10:02:22.5 | 48.521N | 17.458E | 1.8 | Slovakia |
| 29 | 10:09:13.1 | 47.336N | 18.425E | 1.8 | Zámoly |
| 29 | 11:00:20.9 | 48.133N | 16.884E | 1.6 | Austria |
| 29 | 11:12:51.2 | 47.076N | 18.294E | 1.7 | Polgárdi |
| 29 | 12:11:55.3 | 45.994N | 18.518E | 0.7 | Szajk |
| 30 | 10:32:47.4 | 48.580N | 20.740E | 1.6 | Slovakia |
| 30 | 10:55:07.9 | 47.196N | 18.288E | 1.2 | Sárkeszi |

DECEMBER / DECEMBER, 2021

| | | | | | |
|----|------------|---------|---------|-----|----------------|
| 01 | 7:41:26.2 | 47.851N | 19.993E | 1.8 | Abasár |
| 01 | 7:54:19.3 | 46.032N | 22.833E | 1.7 | Romania |
| 01 | 8:37:10.6 | 48.017N | 20.335E | 1.3 | Mónosbél |
| 01 | 9:52:43.4 | 46.880N | 17.451E | 1.3 | Tapolca |
| 01 | 10:49:16.8 | 47.833N | 16.015E | 1.5 | Austria |
| 01 | 11:09:39.1 | 48.424N | 17.272E | 1.8 | Slovakia |
| 01 | 13:19:05.1 | 47.559N | 18.461E | 1.2 | Tatabánya |
| 02 | 7:53:27.3 | 47.363N | 18.405E | 1.8 | Gánt |
| 02 | 9:13:37.6 | 47.261N | 18.247E | 0.9 | Kincsesbánya |
| 02 | 9:31:58.5 | 48.363N | 19.877E | 1.4 | Slovakia |
| 02 | 10:16:54.0 | 48.242N | 21.262E | 1.9 | Tállya |
| 02 | 10:35:03.9 | 48.341N | 21.560E | 1.5 | Károlyfalva |
| 02 | 10:35:34.7 | 46.326N | 21.905E | 1.4 | Romania |
| 02 | 11:14:20.9 | 48.814N | 21.186E | 1.5 | Slovakia |
| 03 | 7:51:55.2 | 46.908N | 22.813E | 1.6 | Romania |
| 03 | 9:10:05.6 | 48.278N | 21.530E | 1.3 | Sárazsadány |
| 03 | 9:36:49.0 | 47.837N | 19.126E | 1.7 | Szendehely |
| 03 | 9:55:19.1 | 47.384N | 18.468E | 1.0 | Csákvár |
| 03 | 11:08:01.2 | 48.598N | 20.719E | 1.8 | Slovakia |
| 03 | 11:28:59.3 | 47.734N | 18.695E | 1.0 | Tokod |
| 03 | 13:38:49.7 | 46.752N | 22.716E | 2.0 | Romania |
| 06 | 8:45:40.2 | 47.355N | 18.438E | 1.1 | Gánt |
| 07 | 8:02:20.1 | 47.999N | 20.351E | 1.5 | Szarvaskő |
| 07 | 8:11:07.9 | 47.307N | 18.320E | 1.4 | Söréd |
| 07 | 8:46:29.1 | 45.993N | 22.804E | 1.8 | Romania |
| 07 | 9:39:25.5 | 46.210N | 18.270E | 1.2 | Komló |
| 07 | 10:03:41.8 | 48.004N | 16.105E | 1.0 | Austria |
| 07 | 10:21:20.2 | 48.619N | 20.893E | 1.8 | Slovakia |
| 07 | 10:28:36.9 | 48.616N | 20.782E | 1.5 | Slovakia |
| 07 | 10:35:41.1 | 47.154N | 18.313E | 1.0 | Sárszentmihály |
| 07 | 10:56:57.3 | 47.315N | 18.283E | 0.6 | Söréd |
| 07 | 11:16:38.0 | 47.561N | 18.443E | 1.2 | Tatabánya |
| 07 | 11:23:17.1 | 48.730N | 19.242E | 1.9 | Slovakia |
| 08 | 8:02:36.8 | 48.523N | 17.530E | 1.9 | Slovakia |
| 08 | 9:55:58.0 | 46.879N | 17.374E | 2.1 | Lesenceistvánd |
| 08 | 9:56:29.8 | 46.882N | 17.443E | 1.8 | Tapolca |
| 08 | 10:06:26.3 | 47.204N | 18.285E | 0.6 | Csór |
| 08 | 10:19:41.7 | 46.132N | 18.024E | 1.5 | Hetvehely |

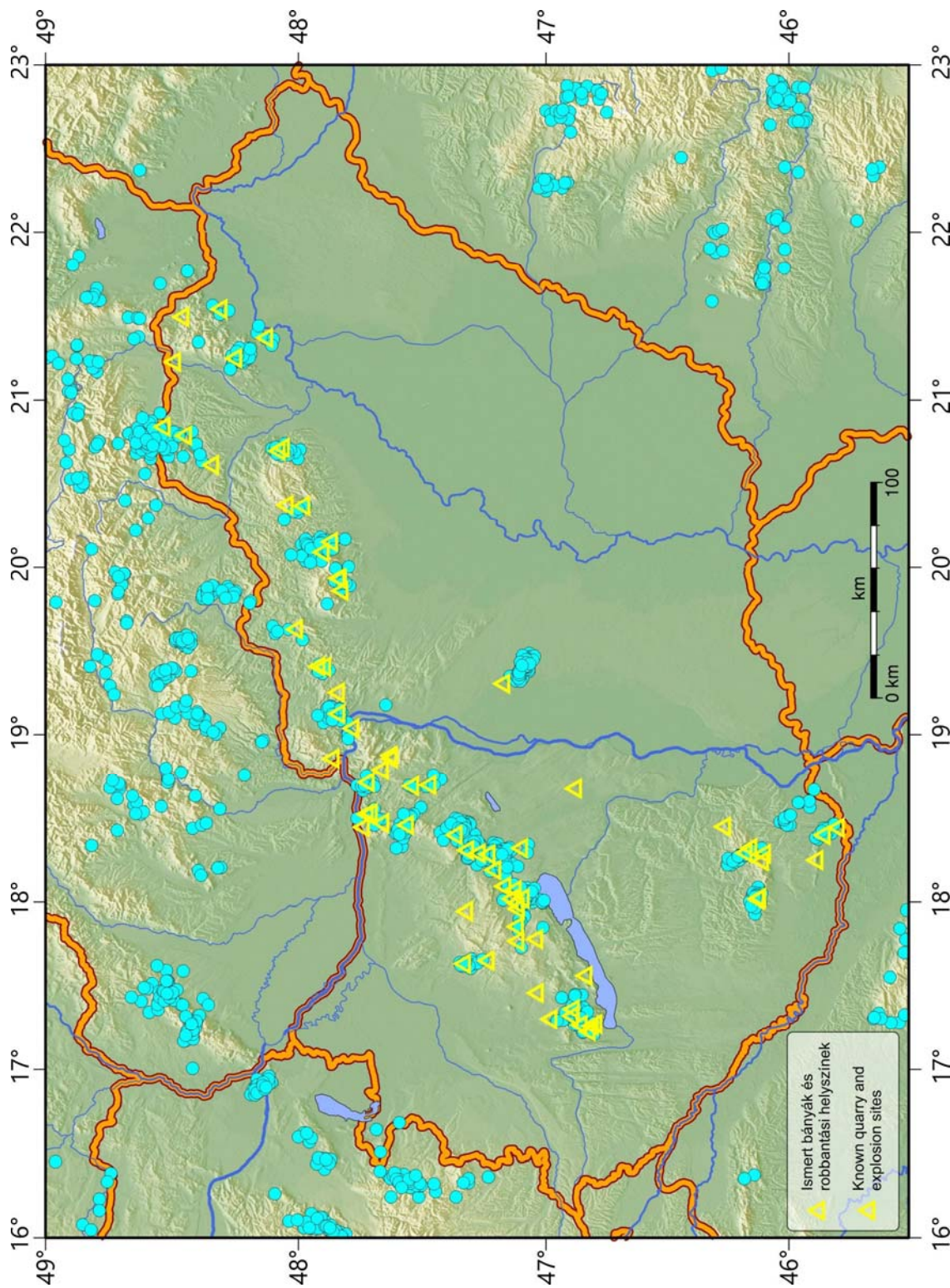
Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|----|------------|---------|---------|-----|------------------|
| 08 | 10:21:19.0 | 48.598N | 20.758E | 1.7 | Slovakia |
| 08 | 10:22:27.6 | 48.559N | 20.736E | 1.4 | Komjáti |
| 08 | 10:34:26.9 | 47.111N | 17.864E | 1.5 | Márkó |
| 08 | 14:51:49.1 | 47.108N | 19.380E | 1.9 | Örkény |
| 08 | 15:03:00.7 | 47.104N | 19.434E | 2.1 | Táborfalva |
| 09 | 8:51:54.2 | 47.343N | 18.429E | 2.1 | Zámoly |
| 09 | 9:50:05.4 | 48.246N | 21.287E | 2.5 | Tállya |
| 09 | 10:06:09.5 | 48.526N | 18.798E | 0.6 | Slovakia |
| 09 | 10:32:56.0 | 48.465N | 18.774E | 1.8 | Slovakia |
| 09 | 10:42:11.3 | 48.529N | 19.388E | 1.8 | Slovakia |
| 09 | 13:20:01.5 | 47.084N | 19.411E | 1.8 | Tatárszentgyörgy |
| 09 | 13:43:51.2 | 47.078N | 19.431E | 1.9 | Tatárszentgyörgy |
| 10 | 8:06:03.6 | 47.537N | 18.682E | 1.5 | Mány |
| 10 | 8:19:27.0 | 46.942N | 22.717E | 1.7 | Romania |
| 10 | 8:52:54.2 | 45.811N | 18.465E | 1.2 | Lapáncsa |
| 10 | 9:04:07.5 | 48.719N | 18.427E | 1.6 | Slovakia |
| 10 | 9:16:20.1 | 46.922N | 22.299E | 2.1 | Romania |
| 10 | 9:26:58.1 | 47.832N | 19.154E | 1.4 | Ósagárd |
| 10 | 10:14:16.2 | 48.597N | 20.734E | 1.5 | Slovakia |
| 10 | 11:00:34.2 | 48.142N | 16.906E | 1.7 | Austria |
| 10 | 11:54:17.7 | 47.914N | 20.144E | 1.5 | Recsk |
| 11 | 11:15:20.8 | 46.102N | 21.786E | 1.6 | Romania |
| 11 | 11:30:25.7 | 46.111N | 21.693E | 2.1 | Romania |
| 13 | 8:39:08.6 | 47.057N | 18.063E | 1.2 | Balatonfűzfő |
| 13 | 9:38:50.1 | 46.931N | 22.731E | 1.6 | Romania |
| 13 | 10:21:59.7 | 48.547N | 20.727E | 1.8 | Bódvaszilas |
| 13 | 11:22:53.5 | 45.521N | 17.701E | 1.4 | Croatia |
| 13 | 11:53:16.7 | 48.360N | 19.813E | 1.5 | Slovakia |
| 13 | 12:10:55.7 | 47.576N | 18.522E | 1.0 | Tarján |
| 13 | 12:34:00.3 | 47.593N | 18.402E | 0.9 | Tatabánya |
| 13 | 14:00:29.8 | 47.234N | 16.360E | 1.7 | Austria |
| 14 | 7:23:04.4 | 47.294N | 18.333E | 1.3 | Magyaralmás |
| 14 | 7:27:57.9 | 46.030N | 22.789E | 1.7 | Romania |
| 14 | 9:49:54.8 | 45.644N | 17.313E | 2.0 | Croatia |
| 14 | 10:16:16.9 | 48.630N | 21.485E | 1.6 | Slovakia |
| 14 | 10:22:44.9 | 46.018N | 22.831E | 1.8 | Romania |
| 14 | 10:34:18.7 | 47.179N | 18.285E | 0.9 | Sárkeszi |
| 14 | 10:37:09.3 | 46.033N | 22.860E | 1.9 | Romania |
| 14 | 10:38:13.0 | 48.193N | 19.782E | 1.7 | Somoskő |
| 14 | 11:00:21.3 | 48.130N | 16.895E | 1.7 | Austria |
| 14 | 11:32:36.7 | 48.879N | 21.243E | 1.7 | Slovakia |
| 14 | 12:45:47.7 | 47.083N | 19.407E | 1.8 | Tatárszentgyörgy |
| 14 | 13:02:19.2 | 47.084N | 19.410E | 1.8 | Tatárszentgyörgy |
| 14 | 13:24:39.5 | 48.798N | 20.737E | 1.7 | Slovakia |
| 15 | 9:21:03.7 | 46.921N | 17.345E | 1.4 | Sümegeprága |
| 15 | 10:24:48.2 | 48.576N | 20.741E | 1.4 | Tornanádaska |
| 15 | 10:33:04.5 | 48.289N | 19.816E | 1.8 | Slovakia |
| 15 | 11:14:47.9 | 48.386N | 18.158E | 1.8 | Slovakia |
| 15 | 12:10:52.4 | 48.927N | 20.759E | 1.5 | Slovakia |
| 15 | 14:08:33.0 | 47.888N | 16.466E | 1.3 | Austria |
| 16 | 8:42:36.8 | 48.000N | 16.598E | 1.2 | Austria |
| 16 | 9:25:29.0 | 48.339N | 19.015E | 1.9 | Slovakia |
| 16 | 9:31:04.8 | 47.695N | 18.688E | 1.6 | Tokod |
| 16 | 10:31:06.9 | 48.570N | 20.771E | 1.4 | Tornanádaska |
| 16 | 12:32:19.9 | 47.850N | 16.045E | 1.0 | Austria |
| 16 | 12:34:04.4 | 47.861N | 16.024E | 0.9 | Austria |
| 16 | 12:35:34.4 | 47.865N | 16.033E | 1.3 | Austria |
| 16 | 14:58:39.5 | 47.066N | 19.426E | 1.8 | Tatárszentgyörgy |
| 16 | 15:00:38.7 | 47.109N | 19.371E | 1.9 | Örkény |
| 16 | 15:21:49.8 | 47.098N | 19.417E | 1.8 | Örkény |

Földrengés paraméterek**Hypocenter Parameters**

| | | | | | |
|----|------------|---------|---------|-----|------------|
| 17 | 7:36:59.3 | 48.646N | 18.526E | 1.8 | Slovakia |
| 17 | 9:03:54.6 | 48.546N | 18.570E | 1.9 | Slovakia |
| 17 | 9:28:30.0 | 47.864N | 19.123E | 1.5 | Szendehely |
| 17 | 9:47:55.3 | 48.600N | 20.744E | 1.5 | Slovakia |
| 17 | 10:37:28.0 | 46.134N | 18.023E | 1.5 | Hetvehely |
| 17 | 10:44:58.8 | 47.687N | 16.644E | 1.2 | Sopron |
| 17 | 11:12:21.7 | 47.862N | 19.088E | 1.4 | Szendehely |
| 17 | 11:52:34.2 | 47.862N | 20.107E | 1.7 | Kisnána |
| 20 | 10:28:39.0 | 48.644N | 20.745E | 1.7 | Slovakia |
| 21 | 9:19:11.5 | 47.827N | 16.009E | 1.3 | Austria |
| 21 | 10:53:27.1 | 48.682N | 19.666E | 1.7 | Slovakia |
| 21 | 10:56:12.1 | 48.632N | 20.811E | 1.4 | Slovakia |
| 22 | 7:24:42.5 | 46.050N | 22.798E | 1.7 | Romania |
| 22 | 8:06:20.8 | 47.102N | 18.087E | 1.5 | Papkeszi |
| 22 | 10:40:01.8 | 48.827N | 21.230E | 1.5 | Slovakia |
| 22 | 10:42:04.2 | 48.714N | 19.944E | 1.5 | Slovakia |
| 23 | 9:45:18.0 | 48.603N | 20.763E | 1.5 | Slovakia |
| 28 | 7:50:18.9 | 46.067N | 22.910E | 1.4 | Romania |
| 28 | 8:54:16.4 | 45.995N | 22.786E | 1.5 | Romania |
| 28 | 8:57:07.4 | 48.578N | 20.729E | 1.5 | Slovakia |
| 28 | 9:40:00.8 | 48.793N | 21.223E | 1.8 | Slovakia |
| 28 | 9:53:19.1 | 47.966N | 16.619E | 1.6 | Austria |
| 28 | 13:10:06.2 | 47.861N | 16.038E | 1.4 | Austria |
| 29 | 8:07:38.8 | 47.129N | 18.105E | 1.5 | Öskü |
| 29 | 13:44:08.7 | 47.873N | 16.058E | 1.2 | Austria |
| 30 | 9:47:42.2 | 46.142N | 18.032E | 1.3 | Hetvehely |
| 30 | 10:11:45.1 | 46.078N | 22.641E | 1.7 | Romania |
| 30 | 11:06:44.8 | 45.961N | 22.662E | 1.8 | Romania |



3.3. ábra A 2021-ben regisztrált robbantások epicentrumai

Figure 3.3. Epicenters of 2021 explosions

FÉSZEKPARAMÉTEREK ÉS FÁZISADATOK

A listában alkalmazott jelek és rövidítések magyarázata:

| | |
|------------|--|
| time: | Az esemény kipattanásának ideje (óra:perc:másodperc; UTC). |
| ML: | A rengés Richter-féle lokális magnitúdója. |
| lat: | Az esemény földrajzi szélessége (fok). |
| lon: | Az esemény földrajzi hosszúsága (fok). |
| h: | A fészek mélysége (km). |
| erh: | Horizontális hiba km-ben. ($erh = \sqrt{SDX^2 + SDY^2}$, ahol SDX és SDY az epicentrum földrajzi szélességének és hosszúságának meghatározási hibái.) Ha $erh = ---$, a kevés rendelkezésre álló adat miatt erh nem volt meghatározható. |
| erz: | A fészekmélység meghatározásának hibája (km). $erz = ---$ azt jelzi, hogy erz nem volt meghatározható a kevés rendelkezésre álló adat miatt. |
| nr: | A számításnál felhasznált fázisadatok száma. Azonos állomásról származó P és S beérkezések 2 adatnak számítanak. |
| gap: | Az állomások közötti legnagyobb irányeltérés (fok). |
| rms: | A számított beérkezési idők átlagnégyzetes hibája (mp). ($rms = \sqrt{\sum R_i^2 / nr}$, ahol R_i az i -edik állomás időhibája (reziduál).) |
| Locality: | A rengés földrajzi helyének megnevezése, általában a legközelebbi település neve. |
| Comments: | Az eseménnyel kapcsolatos egyéb közlemény (pl. epicentrális intenzitás). |
| sta: | Az állomás neve. (L. 2. fejezet.) |
| dist: | Az állomás távolsága az epicentrumtól (km). |
| azm: | Az állomás irányszöge az epicentrumból az északi iránytól számítva (fok). |
| phase: | Fázis azonosító; az első betű a kezdetet jellemzi: e = lassan emelkedő i = hirtelen kitérő; a második és harmadik betű a fázis megnevezése pl. Pn, Pg, Sn, Sg; a negyedik a kitérési irányt jelzi: C=kompRESSzió/fel, D=dilatáció/le. A *-gal jelzett fázisok nem lettek használva a hipocentrum számításához. |
| hr mn sec: | A fázis beérkezési ideje (óra, perc, másodperc). |
| res: | Reziduál (másodperc). ($res = T_{obs} - T_{cal}$, ahol T_{obs} a mért, és T_{cal} a számított menetidő.) |
| * | A fázis a számításnál nem volt használva |

Minden rengésnél, ahol elegendő számú első kitérési adat állt rendelkezésre, megkíséreltük a fészekmechanizmus meghatározását. Az ábrákon az alsó félteke sztereografikus képe látható, „x” jelöli a fő feszültségtengelyek helyzetét. A „●” jelöli a kompressziós, a „○” dilatációs első elmozdulásokat.

A fészekmechanizmusokat a 3.3. ábra foglalja össze.

PHASE DATA

Key to phase data encoding

| | |
|------------|---|
| time: | Time of occurrence of event in hours, mins and secs (UTC). |
| ML: | Richter local magnitude of the earthquake. |
| lat: | Latitude of the event in degrees. |
| lon: | Longitude of the event in degrees. |
| h: | Depth of the hypocenter in km. |
| erh: | Standard error of the epicenter in km. ($erh = \sqrt{SDX^2 + SDY^2}$, where SDX and SDY are the standard errors in latitude and longitude respectively, of the epicenter.) If $erh = ---$, this means that erh could not be computed because of insufficient data. |
| erz: | Standard error of the focal depth in km. If $erz = ---$, this means that erz could not be computed either because focal depth is fixed in the solution or because of insufficient data. |
| nr: | Number of station readings used in locating the earthquake. P and S arrivals for the same stations are regarded as 2 readings. |
| gap: | Largest azimuthal separation in degrees between stations. |
| rms: | Root mean square error of time residuals in seconds. ($rms = \sqrt{\sum R_i^2 / nr}$, where R_i is the time residual of the i^{th} station. |
| Locality: | A geographical indication of the epicenter area, usually the nearest settlement. |
| Comments: | Additional comments about the event, eg. maximum intensity |
| sta: | Station name. (For details see Chapter 2.) |
| dist: | Distance from earthquake epicenter to station in km. |
| azm: | Azimuthal angle between epicenter to station measured from North in degrees. |
| phase: | Phase identifier; the first letter characterizes onset e = emergent i = impulsive, the second and third indicate the phase eg. Pn, Pg, Sn and Sg, the fourth indicates the polarity C=compression/up D=dilatation/down. Phases signed by * are not used for hypocenter calculation. |
| hr mn sec: | Arrival time of the phase from input data. |
| res: | Residual of the phase in secs. ($res = T_{obs} - T_{cal}$, where T_{obs} is the observed and T_{cal} is the calculated travel time respectively. |
| * | Phase is excluded from the calculation. |

Fault plane solutions were attempted for each event where any information for the stress field could be drawn. Stereographic projections of the lower focal hemisphere are shown, „x” denotes the main stress axis. „●” compressional first motion; „○” dilatational first motion. Strike, dip and slip values of the nodal planes are also indicated. Calculations were carried out by computer program FPFIT (Reasenberg and Oppenheimer, 1985). Fault plane solution results are summarized in Fig. 3.3.

Földrengés paraméterek

Hypocenter Parameters

1.

 2021-01-01 time: 1:51:12.31 UTC ML= 1.6
 lat: 45.678N lon: 18.024E h= 5.4 km
 erh= 5.8km erz= 5.4km
 nr= 14 gap=174 rms=0.86
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KOVH | 46.0 | 7 | PgD | 1:51:20.93 | | | 0.35 |
| | | | Sg | 51:26.30 | | | -0.72 |
| PKSM | 76.2 | 39 | PgD | 1:51:26.17 | | | 0.21 |
| | | | Sg | 51:35.77 | | | -0.84 |
| MORH | 76.7 | 39 | PgD | 1:51:26.15 | | | 0.10 |
| | | | Sg | 51:35.57 | | | -1.19 |
| PKB5 | 115.8 | 28 | Pg | 1:51:33.71 | | | 0.70 |
| | | | Sg | 51:48.31 | | | -0.85 |
| BLY | 122.5 | 213 | Pn | 1:51:34.46 | | | 0.53 |
| | | | Sn | 51:49.31 | | | -1.49 |
| BEHE | 130.7 | 312 | Sn | 1:51:50.26 | | | -2.34 |
| TIH | 136.2 | 356 | Pn | 1:51:36.02 | | | 0.39 |
| PKST | 175.7 | 0 | Sn | 1:52:04.47 | | | 1.87 |
| CRES | 200.4 | 275 | Sn | 1:52:10.16 | | | 2.08 |

2.

 2021-01-01 time: 5:54:49.31 UTC ML= 1.6
 lat: 46.320N lon: 17.210E h= 8.4 km
 erh= 5.5km erz= 2.9km
 nr= 14 gap=139 rms=0.84
 Locality: Somogyicsicsó
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BEHE | 37.3 | 296 | Pg | 5:54:56.29 | | | 0.15 |
| | | | Sg | 55:00.84 | | | -0.63 |
| KOVH | 73.4 | 111 | Pg | 5:55:03.11 | | | 0.62 |
| | | | Sg | 55:12.07 | | | -0.70 |
| KOGS | 75.2 | 281 | Pg | 5:55:02.65 | | | -0.17 |
| | | | Sg | 55:11.43 | | | -1.92 |
| PKSM | 111.0 | 96 | Pn | 5:55:09.05 | | | -0.06 |
| | | | Sn | 55:22.34 | | | -2.22 |
| MORH | 111.2 | 96 | Pn | 5:55:09.55 | | | 0.42 |
| | | | Sn | 55:22.60 | | | -1.99 |
| PKB5 | 121.1 | 75 | Pn | 5:55:11.00 | | | 0.63 |
| | | | Sn | 55:27.52 | | | 0.72 |
| CRES | 146.3 | 248 | Pn | 5:55:14.49 | | | 0.97 |
| | | | Sn | 55:32.93 | | | 0.53 |

3.

 2021-01-01 time: 11:07:14.81 UTC ML= 2.7
 lat: 45.530N lon: 16.181E h= 3.7 km
 erh= 1.6km erz= 1.3km
 nr= 34 gap=138 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| ZAG | 36.3 | 336 | Pg | 11:07:22.16 | | | 0.84 |
| | | | Sg | 07:27.32 | | | 0.92 |
| PTJ | 44.6 | 337 | Pg | 11:07:23.12 | | | 0.32 |
| | | | Sg | 07:28.81 | | | -0.23 |
| CRES | 65.3 | 300 | Pg | 11:07:26.21 | | | -0.27 |
| | | | Sg | 07:35.45 | | | -0.14 |
| KOGS | 102.2 | 3 | Pg | 11:07:33.16 | | | 0.09 |
| | | | Sg | 07:46.21 | | | -1.10 |
| BEHE | 114.2 | 24 | Pg | 11:07:35.91 | | | 0.70 |
| | | | Sg | 07:50.44 | | | -0.69 |
| GROS | 116.1 | 333 | Pg | 11:07:35.39 | | | -0.16 |
| | | | Sg | 07:49.93 | | | -1.79 |
| BLY | 117.3 | 138 | Pg | 11:07:35.61 | | | -0.16 |
| | | | Sg | 07:49.41 | | | -2.70* |
| PERS | 147.9 | 326 | Pn | 11:07:39.74 | | | -0.08 |

| | | | | | | | |
|------|-------|-----|-----|-------------|--|--|--------|
| | | | Sn | 07:59.60 | | | 0.28 |
| SOKA | 155.4 | 325 | Pn | 11:07:40.43 | | | -0.32 |
| | | | Sn | 08:01.03 | | | 0.04 |
| KOVH | 161.6 | 67 | Pn | 11:07:40.79 | | | -0.73 |
| | | | Sn | 08:02.97 | | | 0.62 |
| PKSV | 166.2 | 76 | Pn | 11:07:43.19 | | | 1.10 |
| | | | Sn | 08:03.55 | | | 0.18 |
| OBKA | 166.8 | 311 | Pn | 11:07:42.03 | | | -0.14 |
| | | | Sn | 08:03.20 | | | -0.31 |
| TRI | 189.5 | 276 | Pn | 11:07:44.95 | | | -0.05 |
| | | | Sn | 08:08.81 | | | 0.26 |
| ARSA | 197.8 | 345 | Pn | 11:07:46.61 | | | 0.57 |
| | | | Sn | 08:11.10 | | | 0.70 |
| PKSM | 205.6 | 68 | Pn | 11:07:46.20 | | | -0.80 |
| MORH | 205.9 | 68 | Pn | 11:07:46.14 | | | -0.90 |
| RONA | 241.4 | 2 | Pn | 11:07:51.43 | | | -0.03 |
| CONA | 267.7 | 355 | Pn | 11:07:54.94 | | | 0.19 |
| WINA | 286.6 | 358 | Pn | 11:07:57.38 | | | 0.27 |
| MOA | 296.6 | 330 | Pn | 11:07:58.93 | | | 0.58 |
| VYHS | 386.5 | 32 | ePn | 11:08:09.50 | | | -0.06* |
| | | | eSn | 08:47.60 | | | -4.67* |

4.

 2021-01-01 time: 13:09:02.73 UTC ML= 2.5
 lat: 45.516N lon: 16.248E h= 11.0 km
 erh= 3.2km erz= 2.2km
 nr= 22 gap=160 rms=0.66
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ZAG | 40.0 | 330 | Pg | 13:09:10.48 | | | 0.34 |
| | | | Sg | 09:15.62 | | | -0.30 |
| PTJ | 48.3 | 332 | Pg | 13:09:11.46 | | | -0.11 |
| | | | Sg | 09:18.34 | | | -0.13 |
| CRES | 70.6 | 299 | Pg | 13:09:14.60 | | | -0.89 |
| KOGS | 103.6 | 0 | P* | 13:09:21.63 | | | 0.42 |
| | | | S* | 09:35.21 | | | -0.42 |
| BLY | 112.7 | 139 | Pn | 13:09:21.73 | | | -0.68 |
| BEHE | 113.7 | 21 | Pn | 13:09:23.50 | | | 0.96 |
| GROS | 119.9 | 331 | Pn | 13:09:23.89 | | | 0.58 |
| | | | Sn | 09:37.90 | | | -1.46 |
| PERS | 152.1 | 325 | Pn | 13:09:27.41 | | | 0.08 |
| KOVH | 157.4 | 66 | Pn | 13:09:27.64 | | | -0.35 |
| | | | Sn | 09:46.10 | | | -1.59 |
| SOKA | 159.7 | 324 | Pn | 13:09:28.31 | | | 0.03 |
| PKSV | 161.5 | 75 | Pn | 13:09:29.31 | | | 0.81 |
| OBKA | 171.7 | 310 | Pn | 13:09:30.36 | | | 0.58 |
| | | | Sn | 09:53.99 | | | 3.12* |
| PKSM | 201.3 | 67 | Pn | 13:09:33.01 | | | -0.46 |
| RONA | 242.8 | 1 | Pn | 13:09:39.90 | | | 1.27 |
| CONA | 269.8 | 354 | Pn | 13:09:43.06 | | | 1.06 |
| WINA | 288.4 | 357 | Pn | 13:09:45.57 | | | 1.25 |

5.

 2021-01-01 time: 14:02:06.05 UTC ML= 2.2
 lat: 45.599N lon: 16.125E h= 7.4 km
 erh= 2.7km erz= 1.9km
 nr= 18 gap=217 rms=0.54
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ZAG | 27.5 | 338 | Pg | 14:02:11.29 | | | 0.15 |
| | | | Sg | 02:16.48 | | | 1.38 |
| PTJ | 35.9 | 339 | Pg | 14:02:12.44 | | | -0.15 |
| | | | Sg | 02:18.29 | | | 0.60 |
| CRES | 57.8 | 296 | Sg | 14:02:24.08 | | | -0.50 |
| KOGS | 94.9 | 6 | Pg | 14:02:22.39 | | | -0.65 |
| | | | Sg | 02:36.56 | | | 0.27 |
| GROS | 107.2 | 333 | Pg | 14:02:25.18 | | | -0.07 |
| | | | Sg | 02:39.21 | | | -1.01 |
| BEHE | 109.1 | 27 | Sg | 14:02:41.30 | | | 0.48 |

Hypocenter Parameters

PERS 139.1 326 Pn 14:02:29.00 -0.49
 SOKA 146.6 325 Pn 14:02:30.38 -0.05
 Sn 02:49.60 0.16
 OBKA 158.5 310 Pn 14:02:32.25 0.35
 Sn 02:53.33 1.26
 PKSV 168.6 79 Pn 14:02:33.73 0.56
 Sn 02:53.57 -0.76
 RONA 233.9 3 Pn 14:02:41.26 -0.05

6.

2021-01-02 time: 0:36:38.74 UTC ML= 1.6
 lat: 45.775N lon: 18.085E h= 7.8 km
 erh= 3.6km erz= 2.3km
 nr= 13 gap=303 rms=0.42
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PKSV | 18.1 | 46 | Pg | 0:36:42.52 | | 0.26 | |
| | | | Sg | 36:46.19 | | 1.18 | |
| KOVH | 34.9 | 2 | PgD | 0:36:44.88 | | -0.24 | |
| | | | Sg | 36:50.20 | | 0.10 | |
| PKSM | 65.0 | 42 | Pg | 0:36:49.85 | | -0.57 | |
| | | | Sg | 36:59.34 | | -0.19 | |
| MORH | 65.4 | 41 | Pg | 0:36:50.05 | | -0.46 | |
| | | | Sg | 36:59.49 | | -0.19 | |
| PKB4 | 89.7 | 27 | Pg | 0:36:54.67 | | -0.14 | |
| | | | Sg | 37:08.78 | | 1.43 | |
| PKB3 | 112.1 | 50 | Pn | 0:36:58.89 | | 0.14 | |
| PKS2 | 118.1 | 48 | Pn | 0:36:59.85 | | 0.34 | |
| TIH | 126.0 | 353 | Pn | 0:37:00.67 | | 0.19 | |

7.

2021-01-02 time: 3:00:50.39 UTC ML= 2.1
 lat: 45.720N lon: 21.650E h= 5.5 km
 erh= 1.4km erz= 1.4km
 nr= 39 gap= 46 rms=0.81
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| BZS | 11.8 | 193 | Pg | 3:00:52.76 | | 0.06 | |
| | | | Sg | 00:54.32 | | -0.19 | |
| TIM | 33.4 | 273 | PgC | 3:00:56.96 | | 0.52 | |
| | | | Sg | 01:02.00 | | 0.84 | |
| SURR | 37.2 | 84 | PgD | 3:00:57.53 | | 0.44 | |
| | | | Sg | 01:01.50 | | -0.82 | |
| BANR | 55.0 | 227 | Pg | 3:01:00.65 | | 0.40 | |
| | | | Sg | 01:08.65 | | 0.71 | |
| SIRR | 60.9 | 1 | Pg | 3:01:01.44 | | 0.14 | |
| GZR | 95.2 | 112 | Sg | 3:01:17.62 | | -3.07 | |
| DEV | 99.1 | 79 | Pg | 3:01:07.59 | | -0.52 | |
| AMBH | 100.1 | 314 | Pg | 3:01:08.47 | | 0.18 | |
| | | | Sg | 01:21.02 | | -1.24 | |
| MDVR | 104.4 | 177 | PgD | 3:01:09.16 | | 0.10 | |
| | | | Sg | 01:21.00 | | -2.62 | |
| HERR | 110.9 | 147 | PgC | 3:01:10.46 | | 0.24 | |
| | | | Sg | 01:24.10 | | -1.59 | |
| RMGR | 143.2 | 145 | Sn | 3:01:33.10 | | -0.35 | |
| DRGR | 144.5 | 34 | Pn | 3:01:14.72 | | -0.02 | |
| | | | Sn | 01:31.80 | | -1.94 | |
| MARR | 155.4 | 47 | PnD | 3:01:16.56 | | 0.46 | |
| | | | Sn | 01:35.20 | | -0.95 | |
| LOT | 168.2 | 100 | PnD | 3:01:18.42 | | 0.73 | |
| | | | Sn | 01:39.70 | | 0.71 | |
| SRE | 169.6 | 134 | Sn | 3:01:40.20 | | 0.90 | |
| CJR | 186.5 | 54 | PnD | 3:01:20.54 | | 0.56 | |
| | | | Sn | 01:43.70 | | 0.64 | |
| MESR | 187.7 | 32 | Sn | 3:01:43.70 | | 0.37 | |
| PKS6 | 188.4 | 301 | Pn | 3:01:19.61 | | -0.61 | |
| | | | Sn | 01:41.27 | | -2.22 | |
| PUNG | 189.5 | 148 | Sn | 3:01:44.70 | | 0.98 | |
| PKB2 | 214.0 | 300 | Sn | 3:01:50.39 | | 1.23 | |

Földrengés paraméterek

BOVS 231.7 179 Sn 3:01:54.80 1.71
 ARR 236.3 100 PnC 3:01:27.25 1.06
 Sn 01:55.10 0.99
 MORH 239.4 283 Pn 3:01:25.30 -1.27
 BMR 259.0 33 Sn 3:01:59.30 0.15
 VOIR 267.2 97 PnD 3:01:30.90 0.86
 Sn 02:01.40 0.43
 BURR 344.8 52 PnD 3:01:41.09 1.38*

8.

2021-01-02 time: 4:07:30.86 UTC ML= 2.4
 lat: 45.716N lon: 21.643E h= 4.3 km
 erh= 1.3km erz= 1.3km
 nr= 55 gap= 46 rms=0.90
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| BZS | 11.2 | 191 | PgU | 4:07:33.23 | | 0.22 | |
| | | | Sg | 07:34.95 | | 0.26 | |
| TIM | 33.0 | 274 | PgC | 4:07:37.43 | | 0.63 | |
| | | | Sg | 07:42.50 | | 1.06 | |
| SURR | 37.7 | 84 | PgD | 4:07:38.11 | | 0.47 | |
| | | | Sg | 07:42.60 | | -0.32 | |
| BANR | 54.3 | 227 | Pg | 4:07:40.80 | | 0.21 | |
| | | | Sg | 07:48.49 | | 0.32 | |
| SIRR | 61.3 | 1 | Pg | 4:07:41.97 | | 0.13 | |
| | | | Sg | 07:49.82 | | -0.58 | |
| GZR | 95.5 | 112 | Pg | 4:07:47.48 | | -0.45 | |
| | | | Sg | 07:59.10 | | -2.14 | |
| DEV | 99.7 | 79 | Pg | 4:07:48.16 | | -0.52 | |
| | | | Sg | 08:01.32 | | -1.26 | |
| AMBH | 100.1 | 315 | Pg | 4:07:48.78 | | 0.03 | |
| | | | Sg | 08:01.35 | | -1.35 | |
| MDVR | 104.0 | 177 | PgD | 4:07:49.69 | | 0.24 | |
| HERR | 110.8 | 147 | PgD | 4:07:50.78 | | 0.11 | |
| | | | Sg | 08:03.50 | | -2.62 | |
| DJES | 138.9 | 150 | Sn | 4:08:10.09 | | -3.13 | |
| RMGR | 143.2 | 145 | Sn | 4:08:13.50 | | -0.68 | |
| DRGR | 145.2 | 35 | Pn | 4:07:55.90 | | 0.45 | |
| | | | Sn | 08:12.83 | | -1.79 | |
| BORR | 153.1 | 4 | PnC | 4:07:57.65 | | 1.21 | |
| | | | Sn | 08:16.20 | | -0.19 | |
| MARR | 156.1 | 47 | PnC | 4:07:57.22 | | 0.42 | |
| FRGS | 157.3 | 246 | Pn | 4:07:56.82 | | -0.14 | |
| | | | Sn | 08:15.00 | | -2.32 | |
| LOT | 168.6 | 100 | PnC | 4:07:59.28 | | 0.91 | |
| | | | Sn | 08:20.50 | | 0.68 | |
| SRE | 169.6 | 134 | PnD | 4:07:59.96 | | 1.46 | |
| | | | Sn | 08:22.40 | | 2.35 | |
| LTVH | 186.6 | 6 | Pn | 4:08:00.92 | | 0.31 | |
| | | | Sn | 08:22.69 | | -1.12 | |
| CJR | 187.2 | 54 | Pn | 4:08:00.93 | | 0.24 | |
| PKS6 | 188.3 | 301 | Pn | 4:08:00.34 | | -0.48 | |
| | | | Sn | 08:27.55 | | 3.36 | |
| MESR | 188.4 | 32 | PnD | 4:08:02.50 | | 1.67 | |
| | | | Sn | 08:24.40 | | 0.19 | |
| PUNG | 189.4 | 148 | Sn | 4:08:25.70 | | 1.27 | |
| PKB3 | 205.1 | 293 | Pn | 4:08:02.84 | | -0.08 | |
| | | | Sn | 08:26.95 | | -0.98 | |
| PKS2 | 206.8 | 295 | Pn | 4:08:03.01 | | -0.12 | |
| | | | Sn | 08:28.33 | | 0.04 | |
| PKB2 | 213.8 | 300 | Sn | 4:08:29.07 | | -0.79 | |
| BOVS | 231.3 | 179 | Sn | 4:08:35.40 | | 1.67 | |
| ARR | 236.7 | 99 | PnC | 4:08:08.46 | | 1.60 | |
| | | | Sn | 08:35.70 | | 0.76 | |
| MORH | 239.0 | 283 | Pn | 4:08:05.98 | | -1.17 | |
| PKSM | 239.2 | 283 | Pn | 4:08:05.91 | | -1.26 | |
| ARCR | 258.1 | 54 | Sn | 4:08:39.80 | | 0.11 | |
| PKSV | 264.3 | 274 | Sn | 4:08:38.02 | | -3.05 | |
| VOIR | 267.7 | 97 | PnC | 4:08:12.11 | | 1.39 | |
| | | | Sn | 08:43.50 | | 1.69 | |
| DOPR | 292.3 | 85 | PnC | 4:08:14.77 | | 0.98 | |
| MLR | 336.5 | 94 | PnC | 4:08:21.07 | | 1.76* | |

Földrengés paraméterek

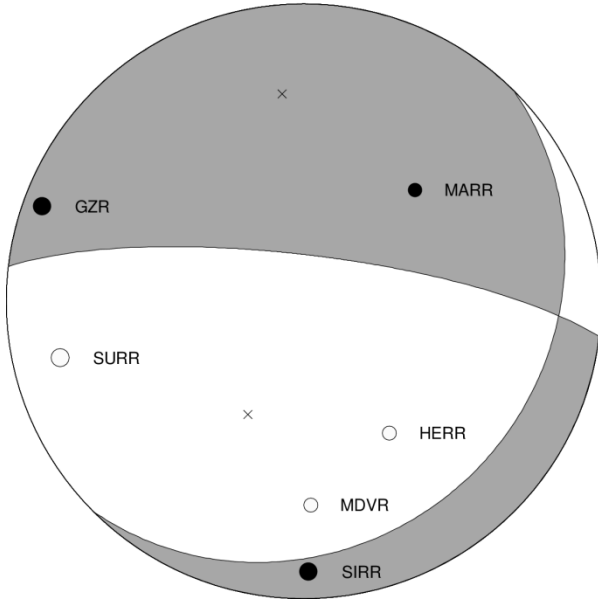
BURA 345.5 52 PnC 4:08:21.53 1.11*
 VYHS 375.2 325 ePn 4:08:24.90 0.77*

9.

2021-01-02 time: 4:16:07.32 UTC ML= 1.9
 lat: 45.680N lon: 21.671E h= 11.1 km
 erh= 2.0km erz= 1.6km
 nr= 20 gap= 84 rms=0.79
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BZS | 8.2 | 211 | Pg | 4:16:09.75 | | | -0.04 |
| | | | Sg | 16:11.21 | | | -0.50 |
| SURR | 36.2 | 77 | PgD | 4:16:14.59 | | | 0.51 |
| | | | Sg | 16:19.00 | | | -0.36 |
| BANR | 53.4 | 232 | Pg | 4:16:18.06 | | | 1.01 |
| | | | Sg | 16:25.10 | | | 0.46 |
| SIRR | 65.3 | 359 | PgC | 4:16:18.62 | | | -0.52 |
| | | | Sg | 16:25.20 | | | -3.17 |
| GZR | 92.0 | 110 | PgC | 4:16:24.29 | | | 0.42 |
| | | | Sg | 16:35.50 | | | -1.28 |
| MDVR | 99.9 | 178 | P*D | 4:16:24.50 | | | -0.73 |
| | | | S* | 16:38.80 | | | -0.40 |
| AMBH | 104.4 | 315 | S* | 4:16:39.67 | | | -0.75 |
| HERR | 106.3 | 147 | PnD | 4:16:26.32 | | | 0.13 |
| | | | Sn | 16:40.10 | | | -0.81 |
| DRGR | 147.3 | 33 | Pn | 4:16:32.11 | | | 0.81 |
| | | | Sn | 16:49.34 | | | -0.66 |
| MARR | 157.3 | 45 | PnC | 4:16:33.23 | | | 0.68 |
| | | | Sn | 16:55.40 | | | 3.18 |
| LOT | 165.8 | 99 | Sn | 4:16:55.40 | | | 1.28 |

2021.01.02. 04:16:07



10.

2021-01-02 time: 11:39:53.41 UTC ML= 1.5
 lat: 45.580N lon: 18.062E h= 1.3 km
 erh= 1.5km erz=29.1km
 nr= 9 gap=330 rms=0.13
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 37.3 | 23 | Pg | 11:39:59.84 | | | -0.23 |
| | | | Sg | 40:05.29 | | | 0.01 |
| KOVH | 56.6 | 3 | Pg | 11:40:03.60 | | | 0.09 |

Hypocenter Parameters

Sg 40:11.19 -0.19
 PKSM 83.4 33 Pg 11:40:08.40 0.11
 Sg 40:19.81 -0.10
 MORH 83.9 33 Pg 11:40:08.40 0.02
 Sg 40:20.25 0.19
 PKB4 110.1 22 Sg 11:40:28.49 0.08

11.

2021-01-02 time: 22:08:46.03 UTC ML= 1.9
 lat: 48.412N lon: 22.780E h= 12.7 km
 erh= 2.9km erz= 1.9km
 nr= 12 gap=180 rms=0.57
 Locality: Ukraine
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| TRPA | 36.1 | 210 | Pg | 22:08:53.01 | | | 0.15 |
| | | | Sg | 08:58.10 | | | -0.10 |
| KOLS | 68.9 | 327 | Pg | 22:08:58.81 | | | 0.27 |
| | | | Sg | 09:07.57 | | | -0.74 |
| BMR | 98.1 | 147 | P* | 22:09:03.19 | | | -0.31 |
| | | | S* | 09:14.77 | | | -2.35 |
| ABAH | 114.9 | 264 | Pn | 22:09:05.92 | | | 0.16 |
| | | | Sn | 09:19.87 | | | -1.28 |
| KECS | 169.9 | 273 | Pn | 22:09:13.19 | | | 0.57 |
| | | | Sn | 09:33.71 | | | 0.35 |
| DRGR | 180.3 | 182 | Pn | 22:09:14.48 | | | 0.57 |
| | | | Sn | 09:36.26 | | | 0.61 |

12.

2021-01-03 time: 8:19:59.04 UTC ML= 3.0
 lat: 45.833N lon: 16.029E h= 5.1 km
 erh= 1.4km erz= 1.0km
 nr= 46 gap= 96 rms=0.65
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ZAG | 2.7 | 261 | Pg | 8:20:00.56 | | | 0.48 |
| | | | Sg | 20:01.47 | | | 0.58 |
| PTJ | 9.3 | 324 | Pg | 8:20:01.00 | | | 0.07 |
| | | | Sg | 20:02.07 | | | -0.34 |
| GCIS | 31.4 | 277 | iPg | 8:20:04.98 | | | 0.26 |
| CRES | 44.4 | 269 | Pg | 8:20:07.21 | | | 0.18 |
| | | | Sg | 20:12.92 | | | -0.34 |
| DOBS | 55.8 | 309 | iPg | 8:20:09.10 | | | 0.05 |
| KOGS | 70.5 | 14 | Pg | 8:20:11.91 | | | 0.25 |
| | | | Sg | 20:20.51 | | | -1.00 |
| BOJS | 70.7 | 239 | iPg | 8:20:11.28 | | | -0.42 |
| GROS | 80.8 | 330 | iPg | 8:20:13.22 | | | -0.28 |
| BEHE | 91.4 | 39 | Pg | 8:20:15.61 | | | 0.23 |
| | | | Sg | 20:27.71 | | | -0.42 |
| GBRS | 100.7 | 251 | iPg | 8:20:16.54 | | | -0.50 |
| SOKA | 121.3 | 321 | Pn | 8:20:19.77 | | | -0.78 |
| | | | Sn | 20:34.53 | | | -2.79 |
| OBKA | 136.8 | 303 | Pn | 8:20:22.60 | | | 0.13 |
| | | | Sn | 20:40.09 | | | -0.66 |
| BLY | 150.8 | 143 | Pn | 8:20:24.21 | | | 0.00 |
| | | | Sn | 20:43.52 | | | -0.33 |
| ARSA | 162.3 | 346 | Pn | 8:20:25.66 | | | 0.01 |
| | | | Sn | 20:46.12 | | | -0.29 |
| KOVH | 163.1 | 80 | Pn | 8:20:24.87 | | | -0.88 |
| PKSV | 172.8 | 88 | Pn | 8:20:26.09 | | | -0.87 |
| TRI | 176.7 | 266 | Pn | 8:20:28.30 | | | 0.85 |
| | | | Sn | 20:49.35 | | | -0.25 |
| TIH | 186.2 | 50 | Pn | 8:20:30.83 | | | 2.20 |
| MPLH | 188.5 | 38 | Pn | 8:20:29.64 | | | 0.71 |
| PKS9 | 192.8 | 64 | Pn | 8:20:30.17 | | | 0.71 |
| EGYH | 202.4 | 30 | Pn | 8:20:31.34 | | | 0.68 |
| MYKA | 204.3 | 296 | Pn | 8:20:31.58 | | | 0.68 |
| | | | Sn | 20:59.24 | | | 3.50* |
| PKSM | 206.7 | 78 | Pn | 8:20:29.88 | | | -1.30 |
| MORH | 207.0 | 78 | Pn | 8:20:29.94 | | | -1.28 |

Hypocenter Parameters

RONA 208.5 6 Pn 8:20:31.84 0.42
 SOP 209.7 11 Pn 8:20:32.17 0.61
 PKB5 225.4 68 Pn 8:20:35.91 2.39
 CONA 233.3 357 Pn 8:20:35.42 0.91
 PKB1 237.7 64 Pn 8:20:35.19 0.13
 KBA 248.4 304 Pn 8:20:37.16 0.77
 WINA 252.9 1 Pn 8:20:37.98 1.03
 MOA 261.4 329 Pn 8:20:39.17 1.16
 Sn 21:05.06 -1.46
 BIOA 275.7 319 Pn 8:20:40.68 0.88
 MODS 298.0 19 ePn 8:20:42.30 -0.27
 eSn 21:12.10 -4.42*
 SMOL 316.4 20 ePn 8:20:44.50 -0.37*
 eSn 21:16.40 -4.21*
 VYHS 364.5 36 ePn 8:20:50.40 -0.46*
 eSn 21:27.70 -3.59*
 WTTA 372.6 295 Pn 8:20:54.44 2.57*
 WATA 380.0 296 Pn 8:20:54.61 1.82*
 SQTA 400.7 293 Pn 8:20:57.80 2.42*
 MOTA 413.2 294 Pn 8:20:58.37 1.43*
 Sn 21:44.60 2.51*
 RETA 443.1 295 Pn 8:21:03.00 2.34*

13.

2021-01-04 time: 3:27:50.92 UTC ML= 2.1
 lat: 45.505N lon: 16.287E h= 10.7 km
 erh= 4.5km erz= 2.5km
 nr= 16 gap=159 rms=0.89
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 42.7 | 328 | Pg | 3:27:58.35 | -0.43 |
| PTJ | 50.9 | 330 | Pg | 3:28:01.06 | 0.86 |
| | | | Sg | 28:07.44 | 0.00 |
| CRES | 73.9 | 299 | Pg | 3:28:03.76 | -0.49 |
| | | | Sg | 28:13.36 | -1.29 |
| BLY | 109.7 | 140 | Pn | 3:28:10.31 | 0.04 |
| | | | Sn | 28:23.61 | -1.75 |
| GROS | 122.5 | 330 | Pn | 3:28:12.84 | 0.98 |
| | | | Sn | 28:27.45 | -0.74 |
| PERS | 154.9 | 324 | Sn | 3:28:34.16 | -1.24 |
| KOVH | 155.2 | 65 | Pn | 3:28:16.47 | 0.53 |
| | | | Sn | 28:34.87 | -0.59 |
| SOKA | 162.5 | 323 | Sn | 3:28:37.79 | 0.71 |
| OBKA | 174.9 | 310 | Pn | 3:28:21.38 | 2.98 |
| | | | Sn | 28:40.03 | 0.21 |
| RONA | 244.0 | 0 | Pn | 3:28:28.95 | 1.93 |

14.

2021-01-04 time: 11:45:22.83 UTC ML= 1.4
 lat: 48.628N lon: 20.794E h= 0.0 km
 erh= 2.2km erz= 2.2km
 nr= 11 gap=172 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 27.9 | 235 | Pg | 11:45:28.01 | 0.20 |
| | | | Sg | 45:32.12 | 0.43 |
| ABAH | 49.5 | 138 | Pg | 11:45:32.68 | 1.01 |
| | | | Sg | 45:38.70 | 0.14 |
| PSZ | 103.4 | 220 | Pg | 11:45:41.36 | 0.07 |
| | | | Sg | 45:55.07 | -0.62 |
| LANS | 113.3 | 301 | Pg | 11:45:43.52 | 0.46 |
| | | | Sg | 45:57.83 | -1.01 |
| TRPA | 140.6 | 113 | Sn | 11:46:05.11 | -1.45 |
| VYHS | 145.3 | 264 | Sn | 11:46:06.47 | -1.13 |
| BUD | 183.3 | 226 | Sn | 11:46:15.86 | -0.18 |

Földrengés paraméterek

15.

2021-01-04 time: 18:25:38.34 UTC ML= 1.5
 lat: 47.358N lon: 18.292E h= 8.3 km
 erh= 1.4km erz= 0.9km
 nr= 23 gap= 93 rms=0.53
 Locality: Csákberény
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 2.4 | 284 | Pg | 18:25:39.61 | -0.28 |
| | | | Sg | 25:40.30 | -0.79 |
| PKSG | 8.4 | 63 | PgD | 18:25:40.38 | -0.07 |
| | | | Sg | 25:41.89 | -0.20 |
| PKST | 22.3 | 241 | Pg | 18:25:42.44 | -0.16 |
| | | | Sg | 25:45.74 | -0.18 |
| MPLH | 60.6 | 250 | Pg | 18:25:50.24 | 0.97 |
| PKB1 | 74.2 | 149 | Pg | 18:25:53.38 | 1.70 |
| | | | Sg | 26:02.23 | 0.15 |
| PKS7 | 74.3 | 118 | Sg | 18:26:02.73 | 0.61 |
| PKS9 | 85.7 | 181 | Sg | 18:26:05.10 | -0.61 |
| PENC | 88.7 | 57 | Pg | 18:25:53.99 | -0.26 |
| PKB5 | 91.3 | 158 | Pg | 18:25:55.02 | 0.31 |
| | | | Sg | 26:07.30 | -0.18 |
| PKB4 | 98.7 | 166 | Sg | 18:26:09.05 | -0.77 |
| PKB3 | 124.6 | 146 | Sn | 18:26:16.73 | 0.10 |
| MORH | 129.8 | 168 | Pn | 18:26:00.69 | 0.19 |
| | | | Sn | 26:16.80 | -0.98 |
| PKSM | 130.2 | 168 | Pn | 18:26:00.59 | 0.04 |
| | | | Sn | 26:17.21 | -0.66 |
| VYHS | 132.7 | 18 | Sn | 18:26:18.06 | -0.38 |
| PSZ | 135.6 | 63 | Sn | 18:26:19.45 | 0.37 |
| KOVH | 141.9 | 186 | Sn | 18:26:20.87 | 0.40 |

16.

2021-01-05 time: 2:36:20.60 UTC ML= 1.1
 lat: 48.008N lon: 20.505E h= 0.3 km
 erh= 1.6km erz= 297km
 nr= 6 gap=198 rms=0.28
 Locality: Répáshuta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 46.7 | 258 | Pg | 2:36:29.08 | 0.15 |
| | | | Sg | 36:34.75 | -0.68 |
| KECS | 52.9 | 358 | Pg | 2:36:30.26 | 0.22 |
| | | | Sg | 36:36.94 | -0.46 |
| ABAH | 63.3 | 60 | Pg | 2:36:31.94 | 0.03 |
| | | | Sg | 36:40.83 | 0.10 |

17.

2021-01-05 time: 2:37:55.56 UTC ML= 1.7
 lat: 48.028N lon: 20.456E h= 4.3 km
 erh= 1.7km erz= 1.7km
 nr= 21 gap=104 rms=0.63
 Locality: Répáshuta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PSZ | 43.7 | 254 | Pg | 2:38:03.78 | 0.39 |
| | | | Sg | 38:09.67 | 0.16 |
| KECS | 50.7 | 2 | Pg | 2:38:04.79 | 0.15 |
| | | | Sg | 38:11.65 | -0.08 |
| ABAH | 65.5 | 63 | Pg | 2:38:06.94 | -0.33 |
| | | | Sg | 38:15.25 | -1.16 |
| BSZH | 82.2 | 190 | Pg | 2:38:10.57 | 0.32 |
| | | | Sg | 38:21.26 | -0.45 |
| PENC | 91.7 | 253 | Pg | 2:38:11.88 | -0.07 |
| | | | Sg | 38:23.35 | -1.38 |
| BUD | 123.3 | 241 | Sn | 2:38:32.85 | -1.61 |
| VYHS | 131.0 | 293 | Pn | 2:38:18.33 | -0.05 |
| | | | Sn | 38:33.19 | -2.99* |
| LANS | 144.6 | 330 | Pn | 2:38:20.65 | 0.58 |

Földrengés paraméterek

Hypocenter Parameters

NIE 155.1 356 Sn 38:38.36 -0.84
 Pn 2:38:22.45 1.07
 Sn 38:41.55 0.03
 TRPA 155.6 86 Pn 2:38:21.98 0.53
 Sn 38:41.09 -0.55
 PKSG 170.4 245 Pn 2:38:24.02 0.73
 EGYH 244.1 254 Pn 2:38:32.78 0.30

Sg 46:05.97 0.41
 MODS 111.4 58 Sg 14:46:16.84 -0.32
 KRUC 139.1 12 Pn 14:46:04.64 -1.47
 Sn 46:21.31 -3.82

18.

2021-01-05 time: 2:39:25.46 UTC ML= 1.5
 lat: 48.049N lon: 20.439E h= 8.2 km
 erh= 1.8km erz= 1.9km
 nr= 13 gap= 65 rms=0.54
 Locality: Bélapátfalva
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 43.2 | 250 | Pg | 2:39:33.58 | 0.27 |
| | | | Sg | 39:39.15 | -0.28 |
| KECS | 48.5 | 4 | Pg | 2:39:34.78 | 0.54 |
| | | | Sg | 39:41.11 | 0.03 |
| ABAH | 65.6 | 65 | Pg | 2:39:36.89 | -0.37 |
| | | | Sg | 39:45.28 | -1.19 |
| BSZH | 84.3 | 189 | Pg | 2:39:40.28 | -0.30 |
| PENC | 91.2 | 252 | Pg | 2:39:41.86 | 0.06 |
| VYHS | 128.9 | 293 | Sn | 2:40:03.70 | -1.03 |
| LTVH | 132.2 | 124 | Pn | 2:39:48.39 | 0.46 |
| | | | Sn | 40:05.11 | -0.34 |
| LANS | 142.0 | 330 | ePn | 2:39:50.50 | 1.35 |
| | | | eSn | 40:07.70 | 0.08 |

19.

2021-01-05 time: 2:51:59.91 UTC ML= 2.0
 lat: 45.505N lon: 16.324E h= 13.9 km
 erh= 3.8km erz= 3.0km
 nr= 15 gap=157 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 44.3 | 324 | Pg | 2:52:08.50 | 0.31 |
| | | | Sg | 52:14.84 | 0.18 |
| PTJ | 52.4 | 327 | Pg | 2:52:09.40 | -0.18 |
| | | | Sg | 52:15.80 | -1.33 |
| CRES | 76.4 | 298 | Pg | 2:52:13.81 | 0.03 |
| | | | Sg | 52:24.36 | -0.24 |
| KOGS | 105.0 | 357 | Pn | 2:52:18.56 | 0.30 |
| | | | Sn | 52:31.31 | -1.26 |
| BLY | 107.9 | 141 | Pn | 2:52:18.86 | 0.25 |
| | | | Sn | 52:30.71 | -2.50 |
| BEHE | 112.9 | 18 | Pn | 2:52:19.71 | 0.47 |
| | | | Sn | 52:34.47 | 0.16 |
| GROS | 123.9 | 329 | Pn | 2:52:21.55 | 0.93 |
| KOVH | 152.5 | 65 | Pn | 2:52:23.43 | -0.76 |
| | | | Sn | 52:43.00 | -0.12 |

20.

2021-01-05 time: 14:45:41.74 UTC ML= 1.3
 lat: 47.837N lon: 16.013E h= 0.0 km
 erh= 1.5km erz= 4.0km
 nr= 11 gap=102 rms=0.80
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 15.2 | 312 | Pg | 14:45:45.08 | 0.62 |
| | | | Sg | 45:47.69 | 1.12 |
| RONA | 26.2 | 126 | Pg | 14:45:46.69 | 0.28 |
| | | | Sg | 45:50.38 | 0.33 |
| WINA | 30.4 | 8 | Pg | 14:45:47.36 | 0.20 |
| | | | Sg | 45:52.06 | 0.67 |
| ARSA | 75.0 | 209 | Pg | 14:45:54.32 | -0.80 |

21.

2021-01-06 time: 8:44:52.23 UTC ML= 0.8
 lat: 47.212N lon: 18.351E h= 0.0 km
 erh= 5.7km erz= 799km
 nr= 7 gap=160 rms=0.52
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.2 | 338 | Pg | 8:44:55.86 | 0.39 |
| | | | Sg | 44:57.80 | -0.20 |
| PKSG | 20.2 | 8 | Pg | 8:44:55.39 | -0.45 |
| | | | Sg | 44:58.68 | 0.02 |
| PKSM | 113.4 | 169 | Pg | 8:45:13.11 | 0.64 |
| | | | Sg | 45:28.12 | -0.15 |
| KOVH | 126.4 | 189 | Sg | 8:45:30.94 | -1.46 |

22.

2021-01-06 time: 18:03:36.09 UTC ML= 2.0
 lat: 45.502N lon: 16.244E h= 10.1 km
 erh= 3.7km erz= 2.7km
 nr= 19 gap=162 rms=0.84
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 41.2 | 332 | Pg | 18:03:44.30 | 0.63 |
| | | | Sg | 03:48.00 | -1.59 |
| PTJ | 49.5 | 333 | Pg | 18:03:45.53 | 0.41 |
| | | | Sg | 03:52.10 | -0.06 |
| CRES | 71.1 | 300 | Pg | 18:03:48.47 | -0.45 |
| | | | Sg | 03:57.11 | -1.82 |
| BLY | 111.7 | 139 | Pn | 18:03:56.00 | 0.24 |
| | | | Sn | 04:10.01 | -1.09 |
| BEHE | 115.2 | 21 | Sn | 18:04:10.20 | -1.69 |
| KOVH | 158.3 | 66 | Pn | 18:04:02.29 | 0.71 |
| | | | Sn | 04:20.63 | -0.83 |
| SOKA | 160.8 | 324 | Pn | 18:04:03.07 | 1.18 |
| | | | Sn | 04:22.50 | 0.49 |
| OBKA | 172.5 | 310 | Pn | 18:04:03.80 | 0.45 |
| | | | Sn | 04:24.63 | 0.02 |
| PKSM | 202.2 | 67 | Pn | 18:04:07.68 | 0.63 |
| MORH | 202.6 | 67 | Pn | 18:04:06.75 | -0.35 |
| RONA | 244.3 | 1 | Pn | 18:04:13.73 | 1.43 |
| CONA | 271.3 | 354 | Pn | 18:04:17.42 | 1.76 |

23.

2021-01-08 time: 4:21:39.12 UTC ML= 0.5
 lat: 47.360N lon: 18.228E h= 11.7 km
 erh= 8.5km erz= 3.5km
 nr= 9 gap=202 rms=0.59
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 2.5 | 83 | Pg | 4:21:40.40 | -0.85 |
| | | | Sg | 21:41.82 | -1.09 |
| PKSG | 12.8 | 74 | Pg | 4:21:42.77 | 0.56 |
| | | | Sg | 21:44.93 | 0.32 |
| PKST | 18.5 | 232 | Pg | 4:21:43.45 | 0.43 |
| | | | Sg | 21:46.39 | 0.32 |
| MORH | 131.1 | 166 | Sn | 4:22:17.85 | -0.24 |
| PKSM | 131.5 | 166 | Pn | 4:22:01.45 | 0.39 |
| | | | Sn | 22:17.53 | -0.65 |

Hypocenter Parameters

Földrengés paraméterek

24.

2021-01-08 time: 10:09:29.58 UTC ML= 1.5
 lat: 48.594N lon: 20.767E h= 0.0 km
 erh= 2.5km erz= 3.1km
 nr= 12 gap=128 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 24.2 | 239 | Pg | 10:09:34.32 | 0.42 |
| | | | Sg | 09:36.97 | -0.30 |
| ABAH | 48.2 | 134 | Pg | 10:09:38.67 | 0.49 |
| | | | Sg | 09:45.31 | 0.43 |
| PSZ | 99.2 | 221 | Pg | 10:09:47.87 | 0.57 |
| | | | Sg | 09:59.92 | -1.20 |
| LANS | 113.7 | 303 | Pg | 10:09:49.93 | 0.06 |
| KOLS | 116.9 | 71 | Sg | 10:10:05.98 | -0.77 |
| TRPA | 141.1 | 111 | Pn | 10:09:53.97 | -0.23 |
| | | | Sn | 10:11.68 | -1.72 |
| VYHS | 143.0 | 266 | Pn | 10:09:54.88 | 0.44 |
| | | | Sn | 10:11.78 | -2.06 |

25.

2021-01-08 time: 14:59:40.01 UTC ML= 1.3
 lat: 47.903N lon: 20.126E h= 0.0 km
 erh= 5.7km erz= 5.3km
 nr= 9 gap=184 rms=0.89
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 17.4 | 276 | Pg | 14:59:44.07 | 0.96 |
| | | | Sg | 59:47.03 | 1.50 |
| PENC | 64.4 | 259 | Sg | 14:60:00.69 | 0.21 |
| KECS | 69.8 | 23 | Sg | 14:60:03.05 | 0.86 |
| ABAH | 93.7 | 62 | Sg | 14:60:08.97 | -0.83 |
| VYHS | 116.2 | 304 | Pg | 14:60:00.38 | -0.38 |
| | | | Sg | 60:15.45 | -1.50 |
| PKSG | 142.2 | 246 | Sn | 14:60:23.48 | -0.61 |
| CSKK | 152.5 | 247 | Sn | 14:60:25.63 | -0.75 |

26.

2021-01-08 time: 23:26:06.92 UTC ML= 2.6
 lat: 45.512N lon: 16.155E h= 6.3 km
 erh= 1.8km erz= 1.4km
 nr= 37 gap=140 rms=0.57
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 37.4 | 340 | Pg | 23:26:13.98 | 0.29 |
| | | | Sg | 26:19.95 | 0.98 |
| PTJ | 45.7 | 340 | Pg | 23:26:14.94 | -0.23 |
| | | | Sg | 26:21.17 | -0.43 |
| CRES | 64.6 | 303 | Pg | 23:26:18.06 | -0.46 |
| | | | Sg | 26:26.27 | -1.29 |
| KOGS | 104.3 | 4 | Pg | 23:26:25.31 | -0.27 |
| | | | Sg | 26:40.25 | 0.12 |
| BEHE | 116.8 | 24 | Pn | 23:26:28.34 | 0.62 |
| GROS | 117.0 | 334 | Pn | 23:26:27.03 | -0.71 |
| | | | Sn | 26:41.99 | -1.98 |
| BLY | 117.3 | 136 | Pn | 23:26:28.31 | 0.54 |
| | | | Sn | 26:42.81 | -1.23 |
| PERS | 148.5 | 327 | Pn | 23:26:31.61 | -0.06 |
| | | | Sn | 26:51.33 | 0.36 |
| SOKA | 156.0 | 326 | Pn | 23:26:32.71 | 0.11 |
| | | | Sn | 26:52.49 | -0.14 |
| KOVH | 164.2 | 67 | Pn | 23:26:33.09 | -0.54 |
| OBKA | 166.6 | 312 | Pn | 23:26:34.37 | 0.44 |
| | | | Sn | 26:54.79 | -0.20 |
| PKSV | 168.6 | 76 | Pn | 23:26:34.10 | -0.08 |
| TRI | 187.8 | 277 | Pn | 23:26:37.29 | 0.72 |

| | | | | |
|------|-----------|------|-------------|--------|
| Sn | 26:59.91 | 0.22 | | |
| ARSA | 199.2 346 | Pn | 23:26:38.56 | 0.56 |
| PKS9 | 203.2 54 | Pn | 23:26:39.32 | 0.83 |
| TIH | 204.4 41 | Pn | 23:26:38.50 | -0.14 |
| PKSM | 208.2 68 | Pn | 23:26:38.63 | -0.48 |
| MORH | 208.5 68 | Pn | 23:26:38.65 | -0.50 |
| EGYH | 230.2 23 | Pn | 23:26:42.11 | 0.25 |
| MYKA | 230.7 303 | Pn | 23:26:43.32 | 1.40 |
| PKST | 242.1 37 | Pn | 23:26:42.73 | -0.61 |
| SOP | 243.3 7 | Pn | 23:26:44.61 | 1.12 |
| RONA | 243.4 3 | Pn | 23:26:43.91 | 0.41 |
| CONA | 269.5 355 | Pn | 23:26:46.71 | -0.05 |
| KBA | 277.8 309 | Pn | 23:26:48.95 | 1.15 |
| WINA | 288.5 359 | Pn | 23:26:50.01 | 0.88 |
| MOA | 297.3 331 | Pn | 23:26:51.50 | 1.28 |
| ZST | 307.0 14 | ePn | 23:26:52.00 | 0.57* |
| BIOA | 309.6 321 | Pn | 23:26:53.99 | 2.23* |
| ABTA | 313.2 296 | Pn | 23:26:53.25 | 1.04* |
| VYHS | 389.2 32 | ePn | 23:27:02.70 | 1.02* |
| | | eSn | 27:40.60 | -3.79* |

27.

2021-01-10 time: 2:13:56.50 UTC ML= 2.2
 lat: 45.557N lon: 16.087E h= 3.5 km
 erh= 2.2km erz= 1.9km
 nr= 23 gap=165 rms=0.60
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 31.1 | 346 | Pg | 2:14:02.10 | 0.02 |
| | | | Sg | 14:06.79 | 0.35 |
| PTJ | 39.4 | 345 | Pg | 2:14:03.02 | -0.54 |
| | | | Sg | 14:08.78 | -0.30 |
| CRES | 57.5 | 301 | Pg | 2:14:06.71 | -0.07 |
| | | | Sg | 14:14.91 | 0.11 |
| KOGS | 99.9 | 7 | Pg | 2:14:14.81 | 0.47 |
| | | | Sg | 14:28.16 | -0.09 |
| GROS | 110.2 | 336 | Pg | 2:14:16.50 | 0.31 |
| | | | Sg | 14:30.01 | -1.54 |
| BEHE | 114.6 | 28 | Pg | 2:14:17.11 | 0.13 |
| | | | Sg | 14:31.97 | -0.98 |
| BLY | 124.5 | 136 | Pn | 2:14:17.83 | -0.78 |
| | | | Sn | 14:33.63 | -2.24 |
| PERS | 141.5 | 328 | Pn | 2:14:20.78 | 0.05 |
| | | | Sn | 14:39.42 | -0.21 |
| SOKA | 148.9 | 327 | Pn | 2:14:22.17 | 0.51 |
| | | | Sn | 14:41.71 | 0.43 |
| OBKA | 159.3 | 312 | Pn | 2:14:22.83 | -0.13 |
| | | | Sn | 14:44.02 | 0.42 |
| KOVH | 167.2 | 69 | Pn | 2:14:24.85 | 0.92 |
| PKSV | 172.5 | 78 | Pn | 2:14:25.87 | 1.27 |
| | | | Sn | 14:45.19 | -1.33 |

28.

2021-01-10 time: 6:15:43.54 UTC ML= 0.7
 lat: 47.828N lon: 16.293E h= 17.5 km
 erh= 1.8km erz= 1.4km
 nr= 10 gap=126 rms=0.39
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 14.2 | 179 | PgD | 6:15:47.89 | 0.32 |
| | | | Sg | 15:50.00 | -0.71 |
| SOP | 25.6 | 129 | Pg | 6:15:49.43 | 0.36 |
| | | | Sg | 15:52.74 | -0.65 |
| CONA | 34.1 | 289 | Pg | 6:15:50.51 | 0.12 |
| | | | Sg | 15:55.83 | 0.10 |
| WINA | 35.2 | 332 | Pg | 6:15:50.86 | 0.31 |
| | | | Sg | 15:55.37 | -0.65 |
| ARSA | 86.5 | 222 | S* | 6:16:10.59 | -0.10 |
| KRUC | 137.5 | 3 | Sn | 6:16:22.24 | -0.33 |

Földrengés paraméterek

Hypocenter Parameters

29.

2021-01-11 time: 1:13:18.01 UTC ML= 2.0
 lat: 45.705N lon: 17.969E h= 0.4 km
 erh= 1.8km erz= 1.3km
 nr= 38 gap=159 rms=0.66
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PKSV | 30.0 | 47 | PgD | 1:13:23.81 | | 0.44 | |
| | | | Sg | 13:27.66 | | 0.10 | |
| KOVH | 43.8 | 13 | Pg | 1:13:26.28 | | 0.45 | |
| | | | Sg | 13:31.70 | | -0.24 | |
| PKSM | 76.8 | 43 | PgD | 1:13:31.54 | | -0.18 | |
| | | | Sg | 13:40.89 | | -1.52 | |
| MORH | 77.3 | 43 | PgD | 1:13:31.55 | | -0.25 | |
| | | | Sg | 13:41.06 | | -1.50 | |
| PKB4 | 100.8 | 29 | Pg | 1:13:35.73 | | -0.27 | |
| | | | Sg | 13:50.05 | | 0.02 | |
| PKS9 | 100.9 | 14 | Pg | 1:13:36.82 | | 0.79 | |
| | | | Sg | 13:50.08 | | -0.01 | |
| PKB5 | 115.3 | 31 | Pg | 1:13:39.06 | | 0.46 | |
| | | | Sg | 13:54.13 | | -0.54 | |
| BLY | 122.8 | 210 | Pg | 1:13:39.91 | | -0.03 | |
| | | | Sg | 13:54.77 | | -2.28 | |
| PKB3 | 124.0 | 50 | Pg | 1:13:40.46 | | 0.30 | |
| | | | Sg | 13:56.84 | | -0.60 | |
| BEHE | 125.5 | 313 | Pg | 1:13:39.50 | | -0.92 | |
| | | | Sg | 13:57.43 | | -0.47 | |
| PKS2 | 130.1 | 48 | Pn | 1:13:41.71 | | 0.51 | |
| | | | Sn | 13:58.19 | | -1.11 | |
| TIH | 133.0 | 357 | Pn | 1:13:41.96 | | 0.39 | |
| PKB1 | 135.8 | 28 | Pn | 1:13:41.98 | | 0.07 | |
| | | | Sn | 13:59.39 | | -1.17 | |
| PKB2 | 145.9 | 42 | Pn | 1:13:44.07 | | 0.90 | |
| | | | Sn | 14:02.52 | | -0.28 | |
| ZAG | 154.2 | 275 | Sn | 1:14:04.50 | | -0.16 | |
| KOGS | 156.5 | 302 | Sn | 1:14:05.24 | | 0.07 | |
| PTJ | 157.8 | 278 | Sn | 1:14:04.38 | | -1.08 | |
| PKS6 | 158.4 | 51 | Pn | 1:13:45.36 | | 0.62 | |
| | | | Sn | 14:05.90 | | 0.31 | |
| MPLH | 166.2 | 349 | Sn | 1:14:07.09 | | -0.23 | |
| PKST | 172.8 | 2 | Pn | 1:13:48.63 | | 2.09 | |
| | | | Sn | 14:09.68 | | 0.89 | |
| PKSG | 190.3 | 10 | Pn | 1:13:48.01 | | -0.71 | |
| CREG | 195.9 | 274 | Sn | 1:14:15.02 | | 1.12 | |
| BUD | 213.6 | 22 | Sn | 1:14:18.83 | | 0.99 | |

30.

2021-01-11 time: 9:17:42.90 UTC ML= 1.7
 lat: 47.739N lon: 18.665E h= 0.0 km
 erh= 3.0km erz= 3.2km
 nr= 19 gap=218 rms=0.91
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| SRO | 27.7 | 287 | Pg | 9:17:48.65 | | 0.81 | |
| | | | Sg | 17:52.62 | | 0.93 | |
| A338 | 38.6 | 323 | Sg | 9:17:55.07 | | -0.10 | |
| PKSG | 43.8 | 208 | Pg | 9:17:51.37 | | 0.66 | |
| | | | Sg | 17:56.51 | | -0.30 | |
| CSKK | 51.7 | 216 | Pg | 9:17:52.78 | | 0.65 | |
| | | | Sg | 18:00.05 | | 0.72 | |
| PKST | 71.5 | 222 | Pg | 9:17:55.65 | | -0.01 | |
| | | | Sg | 18:04.78 | | -0.83 | |
| MPLH | 105.9 | 233 | Pg | 9:18:02.59 | | 0.79 | |
| | | | Sg | 18:14.30 | | -2.25 | |
| EGYH | 106.5 | 250 | Sg | 9:18:15.50 | | -1.25 | |
| MODS | 125.3 | 304 | Sg | 9:18:21.00 | | -1.71 | |
| PKS9 | 131.4 | 193 | Sn | 9:18:22.88 | | -1.69 | |
| PKB4 | 138.2 | 182 | Pn | 9:18:07.26 | | 0.10 | |

| | | | | | | | |
|------|-------|-----|----|------------|--|-------|--|
| MORH | 169.3 | 181 | Pn | 9:18:11.33 | | 0.29 | |
| | | | Sn | 18:31.28 | | -1.72 | |
| PKSM | 169.8 | 181 | Pn | 9:18:11.48 | | 0.38 | |
| | | | Sn | 18:31.07 | | -2.03 | |

31.

2021-01-11 time: 20:22:13.99 UTC ML= 1.7
 lat: 47.340N lon: 18.174E h= 6.4 km
 erh= 0.9km erz= 0.7km
 nr= 29 gap= 67 rms=0.42
 Locality: Balinka
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|--------|-----|
| CSKK | 7.1 | 68 | PgD | 20:22:15.60 | | -0.09 | |
| | | | Sg | 22:16.80 | | -0.22 | |
| PKST | 13.8 | 230 | PgD | 20:22:16.60 | | -0.11 | |
| | | | Sg | 22:18.69 | | -0.15 | |
| PKSG | 17.4 | 71 | Pg | 20:22:17.06 | | -0.24 | |
| | | | Sg | 22:19.83 | | -0.05 | |
| MPLH | 51.6 | 249 | Pg | 20:22:23.51 | | 0.24 | |
| | | | Sg | 22:29.93 | | -0.58 | |
| SRO | 53.7 | 11 | Pg | 20:22:23.95 | | 0.30 | |
| | | | Sg | 22:31.61 | | 0.43 | |
| EGYH | 64.2 | 278 | Pg | 20:22:25.79 | | 0.29 | |
| BUD | 66.1 | 76 | Sg | 20:22:33.92 | | -1.19 | |
| A338 | 76.3 | 10 | Sg | 20:22:38.25 | | -0.08 | |
| PKB1 | 77.6 | 143 | Pg | 20:22:27.81 | | -0.08 | |
| PKB4 | 99.3 | 161 | Pg | 20:22:32.34 | | 0.58 | |
| SOP | 127.5 | 287 | Pn | 20:22:36.36 | | 0.25 | |
| | | | Sn | 22:52.98 | | -0.38 | |
| MORH | 130.0 | 164 | Pn | 20:22:36.26 | | -0.15 | |
| | | | Sn | 22:53.24 | | -0.66 | |
| PKSM | 130.4 | 164 | Pn | 20:22:36.39 | | -0.07 | |
| | | | Sn | 22:53.51 | | -0.48 | |
| MODS | 133.1 | 330 | Pn | 20:22:36.07 | | -0.73 | |
| | | | Sn | 22:52.09 | | -2.50* | |
| VYHS | 137.6 | 21 | Pn | 20:22:37.67 | | 0.31 | |
| | | | Sn | 22:55.28 | | -0.31 | |
| KOVH | 139.2 | 182 | Pn | 20:22:37.78 | | 0.22 | |
| | | | Sn | 22:55.92 | | -0.03 | |
| SMOL | 141.9 | 337 | eSn | 20:22:53.70 | | -2.85* | |
| PSZ | 144.5 | 64 | Pn | 20:22:39.11 | | 0.89 | |
| | | | Sn | 22:57.96 | | 0.85 | |

32.

2021-01-12 time: 11:45:02.77 UTC ML= 1.8
 lat: 48.379N lon: 17.426E h= 0.0 km
 erh= 5.9km erz= 870km
 nr= 8 gap=227 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| MODS | 11.0 | 267 | PgU | 11:45:05.35 | | 0.61 | |
| | | | Sg | 45:06.91 | | 0.63 | |
| SMOL | 15.0 | 1 | Sg | 11:45:06.97 | | -0.58 | |
| KRUC | 107.4 | 315 | Pg | 11:45:21.61 | | -0.33 | |
| RONA | 113.1 | 228 | Pg | 11:45:23.71 | | 0.73 | |
| | | | Sg | 45:38.00 | | -0.73 | |
| CONA | 126.7 | 247 | Pg | 11:45:25.19 | | -0.21 | |
| | | | Sg | 45:41.76 | | -1.29 | |

33.

2021-01-12 time: 15:03:52.21 UTC ML= 1.6
 lat: 47.097N lon: 19.390E h= 0.0 km
 erh= 3.0km erz= 464km
 nr= 8 gap=188 rms=0.36
 Locality: Tatárszentgyörgy
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.3 | 252 | Pg | 15:03:55.81 | 0.33 |
| | | | Sg | 03:58.22 | 0.19 |
| PKB1 | 57.3 | 233 | Pg | 15:04:02.21 | -0.24 |
| PKB4 | 89.8 | 222 | Pg | 15:04:08.84 | 0.59 |
| PSZ | 98.9 | 23 | Pg | 15:04:09.71 | -0.16 |
| MORH | 113.4 | 210 | Pg | 15:04:12.28 | -0.19 |
| PKSM | 113.9 | 210 | Pg | 15:04:12.38 | -0.17 |
| | | | Sg | 04:27.29 | -1.13 |

34.

2021-01-13 time: 8:07:42.66 UTC ML= 1.2
 lat: 47.092N lon: 18.015E h= 0.0 km
 erh= 1.5km erz= 525km
 nr= 12 gap=122 rms=0.43
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 18.6 | 4 | Pg | 8:07:45.26 | -0.72 |
| | | | Sg | 07:48.52 | -0.05 |
| CSKK | 35.4 | 32 | Pg | 8:07:49.29 | 0.31 |
| | | | Sg | 07:54.02 | 0.11 |
| MPLH | 37.1 | 283 | Pg | 8:07:49.59 | 0.30 |
| | | | Sg | 07:54.15 | -0.31 |
| MORH | 108.7 | 154 | Pg | 8:08:02.40 | 0.33 |
| | | | Sg | 08:16.39 | -0.81 |
| PKSM | 109.0 | 154 | Pg | 8:08:02.55 | 0.43 |
| | | | Sg | 08:16.75 | -0.55 |
| KOVH | 111.8 | 177 | Pg | 8:08:02.90 | 0.28 |
| | | | Sg | 08:17.72 | -0.47 |

35.

2021-01-13 time: 9:40:11.39 UTC ML= 1.7
 lat: 47.105N lon: 17.988E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 16 gap= 95 rms=0.69
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 17.5 | 12 | Pg | 9:40:14.66 | 0.14 |
| | | | Sg | 40:17.66 | 0.70 |
| TIH | 23.9 | 198 | Pg | 9:40:17.05 | 1.39 |
| MPLH | 34.8 | 282 | Sg | 9:40:21.34 | -1.12 |
| CSKK | 35.4 | 36 | Sg | 9:40:22.70 | 0.06 |
| PKSG | 44.1 | 44 | Pg | 9:40:19.44 | 0.16 |
| | | | Sg | 40:25.11 | -0.31 |
| MORH | 110.8 | 153 | Pg | 9:40:31.30 | 0.11 |
| | | | Sg | 40:45.66 | -0.96 |
| PKSM | 111.1 | 153 | Pg | 9:40:31.65 | 0.41 |
| | | | Sg | 40:45.41 | -1.31 |
| KOVH | 113.3 | 176 | Pg | 9:40:32.06 | 0.43 |
| | | | Sg | 40:46.54 | -0.87 |
| VYHS | 167.0 | 22 | Sn | 9:41:00.45 | -0.54 |
| PSZ | 169.7 | 58 | Pn | 9:40:38.76 | -0.83 |
| | | | Sn | 41:01.55 | -0.03 |

36.

2021-01-13 time: 10:02:17.26 UTC ML= 1.3
 lat: 48.595N lon: 20.758E h= 0.0 km
 erh= 5.0km erz= 948km
 nr= 6 gap=193 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 23.7 | 238 | Pg | 10:02:21.86 | 0.37 |
| | | | Sg | 02:24.66 | -0.13 |
| ABAH | 48.7 | 133 | Pg | 10:02:26.49 | 0.53 |
| | | | Sg | 02:32.70 | -0.04 |
| PSZ | 98.9 | 220 | Sg | 10:02:47.84 | -0.85 |

| KOLS | 117.5 | 71 | Sg | 10:02:53.59 | -1.03 |
|------|-------|----|----|-------------|-------|
|------|-------|----|----|-------------|-------|

37.

2021-01-13 time: 14:19:50.54 UTC ML= 1.8
 lat: 47.103N lon: 19.402E h= 0.0 km
 erh= 4.6km erz= 737km
 nr= 7 gap=188 rms=0.61
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.3 | 251 | Pg | 14:19:54.45 | 0.47 |
| | | | Sg | 19:56.85 | 0.18 |
| PENC | 77.0 | 353 | Pg | 14:20:05.03 | 0.74 |
| PSZ | 98.0 | 22 | Pg | 14:20:07.94 | -0.09 |
| | | | Sg | 20:20.61 | -1.07 |
| MORH | 114.4 | 210 | Pg | 14:20:10.77 | -0.19 |
| | | | Sg | 20:25.58 | -1.31 |

38.

2021-01-13 time: 14:38:08.61 UTC ML= 1.8
 lat: 47.066N lon: 19.463E h= 0.0 km
 erh= 1.8km erz= 345km
 nr= 10 gap=195 rms=0.27
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 23.1 | 265 | Pg | 14:38:12.86 | 0.13 |
| | | | Sg | 38:15.42 | -0.53 |
| PENC | 81.7 | 350 | Pg | 14:38:23.20 | 0.00 |
| PKB4 | 91.2 | 226 | Pg | 14:38:25.36 | 0.46 |
| PSZ | 100.2 | 19 | Pg | 14:38:26.36 | -0.14 |
| PKS9 | 104.9 | 239 | Pg | 14:38:27.42 | 0.08 |
| MORH | 113.4 | 214 | Pg | 14:38:28.92 | 0.05 |
| | | | Sg | 38:44.16 | -0.51 |
| PKSM | 113.9 | 214 | Pg | 14:38:29.07 | 0.12 |
| | | | Sg | 38:44.26 | -0.56 |

39.

2021-01-14 time: 3:33:32.58 UTC ML= 2.1
 lat: 45.639N lon: 16.042E h= 6.3 km
 erh= 3.3km erz= 1.6km
 nr= 14 gap=284 rms=0.48
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 21.5 | 350 | Pg | 3:33:36.74 | 0.16 |
| | | | Sg | 33:39.75 | 0.06 |
| PTJ | 29.8 | 347 | Pg | 3:33:37.96 | -0.05 |
| | | | Sg | 33:42.19 | -0.06 |
| CRES | 50.1 | 295 | Pg | 3:33:41.67 | 0.09 |
| | | | Sg | 33:48.64 | 0.03 |
| KOGS | 91.4 | 10 | Pg | 3:33:48.28 | -0.66 |
| | | | Sg | 34:02.26 | 0.55 |
| GROS | 100.5 | 335 | Pg | 3:33:50.61 | 0.05 |
| PERS | 131.9 | 327 | Sn | 3:34:11.88 | -1.06 |
| SOKA | 139.4 | 326 | Sn | 3:34:14.05 | -0.54 |
| OBKA | 150.7 | 310 | Pn | 3:33:59.50 | 1.91 |
| | | | Sn | 34:17.77 | 0.67 |
| RONA | 230.0 | 5 | Pn | 3:34:08.20 | 0.72 |

40.

2021-01-14 time: 15:07:55.90 UTC ML= 1.8
 lat: 47.089N lon: 19.415E h= 0.0 km
 erh= 1.7km erz= 4.3km
 nr= 10 gap=100 rms=0.48
 Locality: Tatárszentgyörgy
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.8 | 257 | Pg | 15:07:59.36 | -0.08 |
| | | | Sg | 08:02.27 | 0.07 |
| PKSN | 40.5 | 122 | Sg | 15:08:08.95 | 0.18 |
| PENC | 78.7 | 353 | Pg | 15:08:10.76 | 0.82 |
| PKB4 | 90.4 | 223 | Pg | 15:08:12.41 | 0.37 |
| PSZ | 99.1 | 21 | Pg | 15:08:13.32 | -0.27 |
| | | | Sg | 08:26.48 | -0.90 |
| MORH | 113.6 | 211 | Pg | 15:08:16.38 | 0.21 |
| PKSM | 114.1 | 211 | Pg | 15:08:16.18 | -0.08 |
| MPLH | 142.6 | 274 | Pn | 15:08:19.79 | -0.91 |

41.

2021-01-14 time: 15:23:30.21 UTC ML= 1.8
 lat: 47.117N lon: 19.360E h= 0.0 km
 erh= 5.0km erz= 923km
 nr= 12 gap=166 rms=0.79
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 17.0 | 243 | Pg | 15:23:33.87 | 0.62 |
| | | | Sg | 23:36.30 | 0.68 |
| PKB2 | 50.0 | 190 | Pg | 15:23:40.65 | 1.50 |
| PENC | 75.1 | 355 | Pg | 15:23:44.66 | 1.03 |
| PKB4 | 90.0 | 220 | Pg | 15:23:46.23 | -0.05 |
| PSZ | 97.8 | 24 | Pg | 15:23:47.39 | -0.28 |
| | | | Sg | 24:00.52 | -0.77 |
| PKS9 | 101.4 | 234 | Pg | 15:23:48.04 | -0.27 |
| MORH | 114.2 | 209 | Pg | 15:23:50.12 | -0.48 |
| | | | Sg | 24:05.27 | -1.24 |
| PKSM | 114.7 | 209 | Pg | 15:23:50.07 | -0.62 |
| | | | Sg | 24:05.43 | -1.24 |

42.

2021-01-15 time: 9:00:10.70 UTC ML= 1.2
 lat: 46.126N lon: 18.028E h= 0.0 km
 erh= 2.7km erz= 392km
 nr= 8 gap=291 rms=0.28
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 6.9 | 127 | PgU | 9:00:12.17 | 0.24 |
| | | | Sg | 00:13.30 | 0.40 |
| PKSV | 31.6 | 147 | Pg | 9:00:16.04 | -0.30 |
| | | | Sg | 00:20.38 | -0.35 |
| PKSM | 48.3 | 79 | Pg | 9:00:19.41 | 0.09 |
| | | | Sg | 00:25.73 | -0.32 |
| MORH | 48.6 | 78 | Pg | 9:00:19.66 | 0.28 |
| | | | Sg | 00:25.78 | -0.36 |

43.

2021-01-15 time: 11:30:22.13 UTC ML= 1.2
 lat: 48.672N lon: 20.800E h= 0.0 km
 erh= 2.0km erz= 1.5km
 nr= 7 gap=213 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 31.3 | 228 | Pg | 11:30:28.51 | 0.79 |
| | | | Sg | 30:31.87 | -0.21 |
| ABAH | 53.0 | 142 | Pg | 11:30:32.07 | 0.48 |
| | | | Sg | 30:38.65 | -0.32 |
| PSZ | 107.4 | 219 | Sg | 11:30:56.02 | -0.26 |
| TRPA | 142.2 | 115 | Sn | 11:31:05.46 | -0.75 |
| VYHS | 146.2 | 262 | Sn | 11:31:06.07 | -1.04 |

44.

2021-01-15 time: 13:22:06.96 UTC ML= 2.0
 lat: 46.981N lon: 22.301E h= 5.4 km
 erh= 1.7km erz= 1.7km
 nr= 28 gap= 88 rms=0.72
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 37.7 | 124 | PgU | 13:22:14.14 | 0.39 |
| | | | Sg | 22:19.54 | 0.49 |
| MESR | 52.7 | 69 | PgC | 13:22:16.39 | -0.02 |
| | | | Sg | 22:23.60 | -0.19 |
| LTVH | 54.2 | 326 | Pg | 13:22:17.23 | 0.54 |
| MARR | 71.0 | 119 | PgC | 13:22:19.74 | 0.07 |
| | | | Sg | 22:28.50 | -1.08 |
| SIRR | 93.3 | 212 | Pg | 13:22:23.58 | -0.06 |
| | | | Sg | 22:34.95 | -1.71 |
| CJR | 103.3 | 107 | Pg | 13:22:25.46 | 0.03 |
| | | | Sg | 22:38.62 | -1.21 |
| BMR | 118.7 | 50 | Pn | 13:22:28.62 | 0.52 |
| | | | Sn | 22:44.59 | 0.00 |
| TRPA | 129.1 | 8 | Pn | 13:22:28.88 | -0.51 |
| | | | Sn | 22:45.35 | -1.54 |
| DEV | 130.5 | 159 | Pn | 13:22:30.21 | 0.64 |
| SURR | 137.1 | 186 | PnC | 13:22:30.65 | 0.26 |
| | | | Sn | 22:46.80 | -1.87 |
| BZS | 160.6 | 199 | Pn | 13:22:33.24 | -0.08 |
| | | | Sn | 22:54.13 | 0.24 |
| ABAH | 166.6 | 331 | Pn | 13:22:33.00 | -1.07 |
| | | | Sn | 22:56.14 | 0.92 |
| GZR | 180.2 | 168 | Pn | 13:22:36.99 | 1.21 |
| | | | Sn | 22:59.33 | 1.08 |
| LOT | 204.6 | 146 | Sn | 13:23:05.30 | 1.63 |
| PSZ | 209.3 | 300 | Pn | 13:22:39.02 | -0.38 |
| MDVR | 248.7 | 191 | PnD | 13:22:44.28 | -0.03 |
| VOIR | 272.8 | 129 | PnD | 13:22:49.13 | 1.81 |

45.

2021-01-15 time: 23:52:30.78 UTC ML= 0.1
 lat: 47.287N lon: 18.306E h= 2.5 km
 erh= 1.4km erz= 5.6km
 nr= 6 gap=233 rms=0.04
 Locality: Magyaralmás
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 9.1 | 338 | PgU | 23:52:32.50 | 0.03 |
| | | | Sg | 52:33.80 | 0.01 |
| PKSG | 13.3 | 29 | PgD | 23:52:33.22 | 0.03 |
| | | | Sg | 52:34.99 | -0.08 |
| PKST | 20.8 | 261 | Pg | 23:52:34.50 | -0.02 |
| | | | Sg | 52:37.45 | 0.01 |

46.

2021-01-16 time: 3:00:07.84 UTC ML= 2.1
 lat: 45.646N lon: 16.079E h= 9.3 km
 erh= 1.5km erz= 1.1km
 nr= 19 gap=133 rms=0.38
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| ZAG | 21.4 | 342 | Pg | 3:00:12.32 | 0.31 |
| | | | Sg | 00:16.02 | 0.76 |
| PTJ | 29.8 | 342 | Pg | 3:00:13.40 | -0.01 |
| | | | Sg | 00:17.75 | -0.01 |
| CREC | 52.4 | 292 | Pg | 3:00:17.11 | -0.23 |
| | | | Sg | 00:24.40 | -0.36 |
| KOGS | 90.2 | 8 | Pg | 3:00:23.62 | -0.41 |
| BEHE | 106.3 | 30 | S* | 3:00:39.53 | -2.22* |
| BLY | 132.2 | 139 | Pn | 3:00:30.13 | -0.04 |

Hypocenter Parameters

| | | | | |
|------|-----------|----|------------|-------|
| | | Sn | 00:47.54 | -0.04 |
| SOKA | 140.4 325 | Pn | 3:00:31.56 | 0.37 |
| | | Sn | 00:48.56 | -0.84 |
| OBKA | 152.4 309 | Pn | 3:00:33.20 | 0.51 |
| | | Sn | 00:52.24 | 0.17 |
| KOVH | 164.5 73 | Pn | 3:00:33.74 | -0.45 |
| | | Sn | 00:54.88 | 0.13 |
| PKSV | 171.2 81 | Sn | 3:00:56.50 | 0.25 |
| TRI | 180.5 272 | Sn | 3:00:59.05 | 0.74 |
| RONA | 228.9 4 | Pn | 3:00:42.25 | 0.02 |

47.

2021-01-16 time: 5:53:26.64 UTC ML= 2.6
 lat: 45.574N lon: 16.119E h= 8.3 km
 erh= 1.6km erz= 1.2km
 nr= 28 gap=137 rms=0.51
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| ZAG | 30.0 | 341 | Pg | 5:53:32.52 | 0.32 |
| | | | Sg | 53:37.00 | 0.47 |
| PTJ | 38.4 | 341 | Pg | 5:53:33.74 | 0.09 |
| | | | Sg | 53:38.99 | -0.13 |
| CRES | 58.7 | 299 | Pg | 5:53:37.06 | -0.17 |
| | | | Sg | 53:44.93 | -0.56 |
| KOGS | 97.7 | 6 | Pg | 5:53:43.86 | -0.29 |
| | | | Sg | 53:56.97 | -0.84 |
| BEHE | 111.8 | 27 | Pn | 5:53:47.11 | 0.55 |
| | | | Sn | 54:01.76 | -0.34 |
| BLY | 124.1 | 138 | Pn | 5:53:47.86 | -0.23 |
| | | | Sn | 54:04.15 | -0.68 |
| SOKA | 148.7 | 326 | Pn | 5:53:51.48 | 0.32 |
| | | | Sn | 54:09.03 | -1.26 |
| OBKA | 160.0 | 311 | Pn | 5:53:53.44 | 0.88 |
| | | | Sn | 54:12.49 | -0.29 |
| KOVH | 164.2 | 70 | Pn | 5:53:52.68 | -0.41 |
| PKSV | 169.7 | 78 | Pn | 5:53:54.17 | 0.40 |
| | | | Sn | 54:15.93 | 1.00 |
| TRI | 184.2 | 275 | Pn | 5:53:55.94 | 0.35 |
| | | | Sn | 54:18.39 | 0.22 |
| ARSA | 191.9 | 346 | Pn | 5:53:57.26 | 0.71 |
| | | | Sn | 54:20.14 | 0.26 |
| PKS9 | 201.5 | 56 | Pn | 5:54:01.94 | 4.20* |
| PKSM | 208.2 | 70 | Pn | 5:53:57.96 | -0.62 |
| MORH | 208.5 | 70 | Pn | 5:53:57.99 | -0.63 |
| RONA | 236.7 | 3 | Pn | 5:54:02.86 | 0.73 |
| MOA | 290.0 | 331 | Pn | 5:54:09.15 | 0.38 |
| | | | Sn | 54:39.99 | -1.65* |
| ZVC | 453.6 | 341 | ePn | 5:54:28.40 | -0.77* |
| | | | eSn | 55:14.80 | -3.15* |

48.

2021-01-16 time: 6:09:31.29 UTC ML= 2.1
 lat: 45.561N lon: 16.075E h= 6.4 km
 erh= 2.6km erz= 2.5km
 nr= 21 gap=165 rms=0.73
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 30.5 | 348 | Pg | 6:09:37.09 | 0.25 |
| | | | Sg | 09:41.40 | 0.22 |
| PTJ | 38.8 | 346 | Pg | 6:09:38.00 | -0.30 |
| | | | Sg | 09:43.14 | -0.64 |
| CRES | 56.5 | 301 | Pg | 6:09:41.36 | -0.07 |
| | | | Sg | 09:49.04 | -0.30 |
| KOGS | 99.5 | 8 | Pg | 6:09:49.36 | 0.26 |
| | | | Sg | 10:02.31 | -0.68 |
| BEHE | 114.7 | 28 | Pg | 6:09:51.97 | 0.17 |
| | | | Sg | 10:06.86 | -0.94 |
| BLY | 125.5 | 136 | Pn | 6:09:52.76 | -0.39 |
| | | | Sn | 10:08.61 | -1.59 |

Földrengés paraméterek

| | | | | |
|------|-----------|----|------------|-------|
| SOKA | 148.0 327 | Pn | 6:09:56.12 | 0.16 |
| | | Sn | 10:13.18 | -2.02 |
| OBKA | 158.3 312 | Pn | 6:09:58.79 | 1.55 |
| | | Sn | 10:18.45 | 0.96 |
| PKSV | 173.4 78 | Pn | 6:10:00.36 | 1.25 |
| | | Sn | 10:19.99 | -0.83 |
| PKSM | 211.9 70 | Sn | 6:10:31.04 | 1.66 |
| MORH | 212.3 70 | Sn | 6:10:30.80 | 1.34 |
| RONA | 238.3 4 | Pn | 6:10:07.38 | 0.16 |

49.

2021-01-16 time: 10:18:43.53 UTC ML= 2.4
 lat: 45.577N lon: 16.009E h= 11.2 km
 erh= 2.4km erz= 1.5km
 nr= 22 gap=140 rms=0.65
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 28.0 | 358 | Pg | 10:18:49.27 | 0.35 |
| | | | Sg | 18:53.70 | 0.57 |
| PTJ | 36.1 | 354 | Pg | 10:18:50.22 | -0.06 |
| | | | Sg | 18:55.48 | -0.07 |
| CRES | 51.1 | 303 | Pg | 10:18:52.66 | -0.22 |
| | | | Sg | 18:59.66 | -0.51 |
| KOGS | 98.6 | 11 | P* | 10:19:01.11 | -0.12 |
| | | | S* | 19:13.88 | -1.16 |
| GROS | 105.8 | 338 | P* | 10:19:01.94 | -0.39 |
| | | | S* | 19:14.55 | -2.44 |
| BLY | 130.4 | 135 | Pn | 10:19:05.68 | 0.29 |
| | | | Sn | 19:20.61 | -1.84 |
| PERS | 136.4 | 330 | Pn | 10:19:06.35 | 0.20 |
| | | | Sn | 19:23.24 | -0.55 |
| SOKA | 143.8 | 328 | Sn | 10:19:25.32 | -0.10 |
| OBKA | 153.3 | 313 | Pn | 10:19:08.92 | 0.67 |
| | | | Sn | 19:28.40 | 0.86 |
| TRI | 175.6 | 275 | Sn | 10:19:33.59 | 1.10 |
| PKSV | 178.0 | 79 | Sn | 10:19:33.89 | 0.88 |
| ARSA | 189.8 | 349 | Pn | 10:19:12.44 | -0.36 |
| PKB4 | 225.4 | 63 | Pn | 10:19:19.20 | 1.96 |
| RONA | 237.0 | 5 | Pn | 10:19:19.32 | 0.63 |
| AMBH | 375.6 | 77 | Pn | 10:19:35.93 | -0.04* |

50.

2021-01-16 time: 17:46:42.44 UTC ML= 0.9
 lat: 47.396N lon: 18.260E h= 5.1 km
 erh= 2.6km erz= 1.4km
 nr= 6 gap=224 rms=0.06
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 3.6 | 179 | PgU | 17:46:43.67 | 0.11 |
| | | | Sg | 46:44.36 | -0.07 |
| PKSG | 9.9 | 93 | PgD | 17:46:44.41 | -0.02 |
| | | | Sg | 46:45.94 | -0.04 |
| PKST | 22.8 | 228 | Pg | 17:46:46.60 | -0.02 |
| | | | Sg | 46:49.84 | -0.04 |

51.

2021-01-17 time: 6:14:50.09 UTC ML= 1.0
 lat: 47.948N lon: 19.214E h= 0.9 km
 erh= 2.5km erz= 79.9km
 nr= 6 gap=119 rms=0.40
 Locality: Szátok
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 18.2 | 164 | Pg | 6:14:53.42 | 0.06 |
| | | | Sg | 14:55.63 | -0.27 |
| PSZ | 51.0 | 94 | Pg | 6:14:59.78 | 0.58 |
| | | | Sg | 15:05.60 | -0.70 |

Földrengés paraméterek

Hypocenter Parameters

VYHS 66.9 335 Sg 6:15:11.30 -0.05
 PKSG 87.5 225 Sg 6:15:17.61 -0.28

Sn 50:41.24 0.70
 ABTA 287.1 290 Pn 2:50:13.21 1.67

52.

2021-01-17 time: 23:20:11.56 UTC ML= 0.6
 lat: 46.096N lon: 18.370E h= 10.4 km
 erh= 1.1km erz= 1.2km
 nr= 13 gap=114 rms=0.27
 Locality: Pereked
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 20.9 | 268 | Pg | 23:20:15.64 | -0.09 |
| | | | Sg | 20:18.47 | -0.50 |
| PKSM | 24.6 | 58 | Pg | 23:20:16.40 | 0.07 |
| | | | Sg | 20:19.71 | -0.34 |
| PKSV | 24.8 | 202 | Pg | 23:20:16.60 | 0.24 |
| | | | Sg | 20:19.97 | -0.13 |
| MORH | 25.0 | 58 | Pg | 23:20:16.47 | 0.07 |
| | | | Sg | 20:19.87 | -0.30 |
| PKB4 | 48.0 | 22 | Pg | 23:20:20.71 | 0.38 |
| | | | Sg | 20:26.99 | -0.19 |
| PKB1 | 83.1 | 23 | Sg | 23:20:39.10 | 0.91 |
| | | | Pn | 23:20:36.60 | 0.00 |
| FRGS | 155.0 | 134 | Pn | 23:20:36.60 | 0.00 |
| | | | Sn | 20:55.80 | -0.32 |

53.

2021-01-18 time: 2:49:30.06 UTC ML= 2.7
 lat: 45.872N lon: 16.018E h= 10.5 km
 erh= 1.3km erz= 0.9km
 nr= 40 gap= 58 rms=0.48
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| ZAG | 5.1 | 201 | Pg | 2:49:32.36 | 0.22 |
| PTJ | 5.6 | 304 | Pg | 2:49:31.66 | -0.53 |
| GCIS | 30.3 | 269 | iPg | 2:49:36.05 | 0.26 |
| | | | iPg | 2:49:36.54 | 0.09 |
| GOLS | 34.2 | 297 | iSg | 49:40.98 | -0.45 |
| | | | Pg | 2:49:38.46 | 0.34 |
| CRES | 43.9 | 263 | Pg | 2:49:38.46 | 0.34 |
| | | | iPg | 2:49:39.14 | 0.92 |
| CESS | 44.5 | 285 | iPg | 2:49:39.14 | 0.92 |
| | | | iSg | 49:44.48 | -0.11 |
| DOBS | 52.5 | 306 | iPg | 2:49:39.66 | 0.03 |
| LEGS | 55.0 | 279 | iPg | 2:49:40.30 | 0.24 |
| KOGS | 66.5 | 16 | Pg | 2:49:41.96 | -0.13 |
| BOJS | 72.3 | 236 | iPg | 2:49:42.87 | -0.24 |
| GROS | 76.7 | 329 | iPg | 2:49:43.45 | -0.43 |
| PDKS | 81.8 | 285 | iPg | 2:49:44.79 | 0.00 |
| BEHE | 88.6 | 41 | Pg | 2:49:45.97 | -0.02 |
| | | | ePg | 2:49:46.08 | -0.49 |
| VISS | 91.9 | 265 | ePg | 2:49:46.08 | -0.49 |
| | | | Pn | 2:49:49.95 | -0.45 |
| SOKA | 117.5 | 320 | Pn | 2:49:49.95 | -0.45 |
| | | | Sn | 50:03.98 | -2.28* |
| OBKA | 133.7 | 302 | Pn | 2:49:52.87 | 0.44 |
| | | | Sn | 50:09.17 | -0.70 |
| BLY | 154.7 | 144 | Pn | 2:49:55.46 | 0.42 |
| ARSA | 157.9 | 346 | Pn | 2:49:55.94 | 0.50 |
| KOVH | 163.1 | 82 | Pn | 2:49:55.44 | -0.65 |
| PKSV | 173.5 | 89 | Pn | 2:49:56.75 | -0.63 |
| MPLH | 185.6 | 39 | Pn | 2:49:59.51 | 0.61 |
| EGYH | 199.1 | 30 | Pn | 2:50:00.85 | 0.28 |
| RONA | 204.3 | 6 | Pn | 2:50:01.60 | 0.37 |
| | | | Sn | 50:26.27 | 0.73 |
| PKSM | 206.6 | 79 | Pn | 2:50:00.58 | -0.93 |
| MORH | 206.8 | 79 | Pn | 2:50:00.79 | -0.75 |
| CONA | 228.9 | 357 | Pn | 2:50:05.34 | 1.04 |
| | | | Sn | 50:30.29 | -0.71 |
| PKSG | 248.1 | 47 | Pn | 2:50:08.08 | 1.39 |
| WINA | 248.6 | 1 | Pn | 2:50:07.87 | 1.12 |
| | | | Sn | 50:35.03 | -0.33 |
| MOA | 257.3 | 329 | Pn | 2:50:09.57 | 1.74 |
| | | | Sn | 50:36.89 | -0.40 |
| BIOA | 271.9 | 318 | Pn | 2:50:10.00 | 0.34 |

54.

2021-01-18 time: 9:53:46.45 UTC ML= 1.4
 lat: 48.584N lon: 20.724E h= 0.0 km
 erh= 1.5km erz= 2.6km
 nr= 12 gap= 89 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 20.9 | 237 | Pg | 9:53:50.00 | -0.18 |
| | | | Sg | 53:52.76 | -0.34 |
| ABAH | 49.8 | 130 | Pg | 9:53:55.78 | 0.43 |
| | | | Sg | 54:02.20 | -0.09 |
| PSZ | 96.3 | 220 | Pg | 9:54:03.06 | 0.40 |
| | | | Sg | 54:16.85 | -0.23 |
| NIE | 97.5 | 342 | Pg | 9:54:04.41 | 0.54 |
| | | | Sg | 54:17.15 | -0.30 |
| KOLS | 120.3 | 71 | Sg | 9:54:03.38 | -1.32 |
| | | | Pn | 9:54:10.89 | -0.02 |
| VYHS | 139.8 | 266 | Pn | 9:54:10.89 | -0.02 |
| | | | Sn | 54:27.61 | -2.38 |
| BSZH | 146.9 | 193 | Pn | 9:54:31.36 | -0.21 |
| | | | Sn | 9:54:31.36 | -0.21 |

55.

2021-01-18 time: 11:00:22.69 UTC ML= 1.6
 lat: 48.124N lon: 16.951E h= 0.0 km
 erh= 3.5km erz= 4.3km
 nr= 11 gap= 95 rms=1.07
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 36.8 | 41 | Pg | 11:00:30.52 | 1.25 |
| | | | Sg | 00:34.84 | 0.45 |
| RONA | 68.0 | 226 | Pg | 11:00:35.34 | 0.50 |
| | | | Sg | 00:43.78 | -0.53 |
| CONA | 84.2 | 255 | Sg | 11:00:48.60 | -0.84 |
| KRUC | 112.1 | 339 | Sg | 11:00:57.60 | -0.71 |
| CSKK | 129.6 | 131 | Sg | 11:01:02.52 | -1.37 |
| PKSG | 135.2 | 127 | Sn | 11:01:03.23 | -1.98 |
| ARSA | 144.7 | 228 | Pn | 11:00:49.17 | 1.40 |
| | | | Sn | 01:07.04 | -0.29 |
| VYHS | 145.7 | 74 | Sn | 11:01:06.34 | -1.22 |

56.

2021-01-19 time: 8:52:40.86 UTC ML= 1.2
 lat: 47.325N lon: 18.463E h= 0.0 km
 erh= 1.4km erz= 3.2km
 nr= 9 gap=115 rms=0.45
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.2 | 324 | PgU | 8:52:42.96 | 0.45 |
| | | | Sg | 52:43.54 | -0.25 |
| CSKK | 15.9 | 286 | Sg | 8:52:46.00 | 0.10 |
| | | | Pg | 8:52:47.23 | 0.44 |
| PKST | 33.2 | 257 | Sg | 52:50.63 | -0.79 |
| | | | Sg | 8:53:20.38 | 0.08 |
| MORH | 124.1 | 174 | Sg | 8:53:20.18 | -0.25 |
| PKSM | 124.5 | 174 | Sg | 8:53:20.18 | -0.25 |
| PSZ | 126.3 | 58 | Sg | 8:53:20.84 | -0.15 |
| VYHS | 133.0 | 12 | Sn | 8:53:21.99 | -0.90 |

Hypocenter Parameters

Földrengés paraméterek

57.

2021-01-19 time: 12:09:50.00 UTC ML= 1.1
 lat: 47.925N lon: 16.106E h= 0.0 km
 erh= 0.9km erz= 254km
 nr= 6 gap=141 rms=0.15
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 18.3 | 271 | Pg | 12:09:53.32 | 0.06 |
| | | | Sg | 09:55.68 | -0.13 |
| RONA | 28.9 | 150 | Pg | 12:09:55.07 | -0.08 |
| | | | Sg | 09:59.19 | 0.01 |
| KRUC | 128.2 | 10 | Pg | 12:10:13.12 | 0.23 |
| | | | Sg | 10:30.45 | -0.29 |

58.

2021-01-19 time: 13:18:50.64 UTC ML= 2.4
 lat: 45.753N lon: 17.962E h= 10.3 km
 erh= 3.3km erz= 2.1km
 nr= 30 gap=152 rms=0.94
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKSV | 27.2 | 56 | Pg | 13:18:55.97 | 0.14 |
| | | | Sg | 18:59.20 | -0.67 |
| KOVH | 38.8 | 16 | Pg | 13:18:58.42 | 0.61 |
| | | | Sg | 19:03.25 | -0.15 |
| PKSM | 73.3 | 46 | Pg | 13:19:03.60 | -0.26 |
| | | | Sg | 19:12.94 | -1.24 |
| MORH | 73.8 | 46 | Pg | 13:19:03.69 | -0.26 |
| | | | Sg | 19:12.85 | -1.47 |
| PKS9 | 95.9 | 15 | Pg | 13:19:08.55 | 0.69 |
| PKB4 | 96.4 | 31 | Pg | 13:19:07.99 | 0.04 |
| PKB5 | 111.1 | 33 | Pn | 13:19:11.35 | 1.15 |
| | | | Sn | 19:23.66 | -1.80 |
| PKB3 | 121.1 | 52 | Pn | 13:19:12.63 | 1.18 |
| | | | Sn | 19:26.64 | -1.04 |
| BEHE | 121.5 | 311 | Sn | 13:19:28.05 | 0.27 |
| PKS2 | 126.9 | 50 | Pn | 13:19:13.75 | 1.57 |
| | | | Sn | 19:28.11 | -0.87 |
| BLY | 127.2 | 209 | Pn | 13:19:11.96 | -0.25 |
| | | | Sn | 19:26.80 | -2.24 |
| PKB1 | 131.3 | 29 | Pn | 13:19:13.85 | 1.12 |
| KOGS | 153.3 | 300 | Sn | 13:19:36.67 | 1.85 |
| PTJ | 156.6 | 276 | Pn | 13:19:14.86 | -1.01 |
| | | | Sn | 19:35.49 | -0.07 |
| CRES | 194.9 | 272 | Pn | 13:19:20.14 | -0.52 |
| ARSA | 250.5 | 312 | Pn | 13:19:26.58 | -1.01 |
| | | | Sn | 19:55.67 | -0.74 |
| RONA | 251.1 | 330 | Pn | 13:19:25.95 | -1.71 |
| | | | Sn | 19:55.25 | -1.29 |
| CONA | 290.1 | 326 | Pn | 13:19:31.04 | -1.48 |
| | | | Sn | 20:04.91 | -0.29* |
| WINA | 298.7 | 331 | Pn | 13:19:31.31 | -2.28* |
| | | | Sn | 20:06.13 | -0.97* |
| MOA | 366.0 | 310 | Pn | 13:19:40.45 | -1.53* |
| | | | Sn | 20:22.69 | 0.66* |

59.

2021-01-19 time: 13:40:36.85 UTC ML= 1.7
 lat: 45.694N lon: 20.491E h= 11.7 km
 erh= 2.5km erz= 2.4km
 nr= 12 gap=125 rms=0.64
 Locality: Serbia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| AMBH | 75.2 | 14 | Pg | 13:40:50.69 | 0.25 |
| | | | Sg | 41:00.45 | -0.59 |
| FRGS | 81.8 | 221 | Pg | 13:40:51.51 | -0.10 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 41:01.63 | -1.49 |
| BZS | 88.2 | 96 | Pg | 13:40:53.72 | 0.99 |
| | | | Sg | 41:04.76 | -0.36 |
| SIRR | 110.8 | 55 | Pn | 13:40:56.06 | -0.13 |
| | | | Sn | 41:09.97 | -1.31 |
| PKB3 | 129.0 | 309 | Sn | 13:41:15.64 | 0.30 |
| MORH | 154.5 | 292 | Sn | 13:41:20.91 | -0.08 |
| PKSM | 154.5 | 292 | Pn | 13:41:02.35 | 0.70 |
| | | | Sn | 41:20.96 | -0.04 |

60.

2021-01-19 time: 14:20:51.72 UTC ML= 1.8
 lat: 47.080N lon: 19.437E h= 0.0 km
 erh= 3.0km erz= 577km
 nr= 11 gap=192 rms=0.46
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.3 | 260 | Pg | 14:20:55.51 | -0.01 |
| | | | Sg | 20:58.47 | -0.01 |
| PKB1 | 59.1 | 236 | Pg | 14:21:01.73 | -0.54 |
| PKB5 | 75.9 | 225 | Pg | 14:21:06.35 | 1.07 |
| PENC | 79.9 | 352 | Pg | 14:21:06.35 | 0.37 |
| PKB4 | 90.9 | 224 | Pg | 14:21:08.26 | 0.32 |
| PSZ | 99.4 | 20 | Pg | 14:21:09.31 | -0.15 |
| | | | Sg | 21:22.94 | -0.37 |
| MORH | 113.6 | 212 | Pg | 14:21:11.92 | -0.09 |
| | | | Sg | 21:26.64 | -1.19 |
| PKSM | 114.1 | 212 | Pg | 14:21:11.92 | -0.18 |

61.

2021-01-19 time: 14:34:45.45 UTC ML= 1.8
 lat: 47.069N lon: 19.415E h= 0.0 km
 erh= 3.5km erz= 688km
 nr= 9 gap=191 rms=0.52
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.5 | 263 | Pg | 14:34:48.86 | -0.07 |
| | | | Sg | 34:51.57 | -0.07 |
| PENC | 80.8 | 353 | Pg | 14:35:00.25 | 0.37 |
| PKB4 | 88.8 | 224 | Pg | 14:35:02.21 | 0.90 |
| PSZ | 101.1 | 21 | Pg | 14:35:02.92 | -0.58 |
| MORH | 111.7 | 212 | Pg | 14:35:05.33 | -0.07 |
| | | | Sg | 35:20.44 | -0.52 |
| PKSM | 112.2 | 212 | Pg | 14:35:05.58 | 0.09 |
| | | | Sg | 35:19.38 | -1.74 |

62.

2021-01-20 time: 8:39:31.32 UTC ML= 1.1
 lat: 45.880N lon: 18.373E h= 0.0 km
 erh= 0.6km erz=94.1km
 nr= 7 gap=246 rms=0.06
 Locality: Kisharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 9.4 | 276 | Pg | 8:39:32.98 | -0.02 |
| | | | Sg | 39:34.28 | -0.04 |
| KOVH | 31.4 | 318 | Sg | 8:39:41.36 | 0.07 |
| PKSM | 42.3 | 29 | Pg | 8:39:38.93 | 0.06 |
| | | | Sg | 39:44.83 | 0.07 |
| MORH | 42.8 | 29 | Pg | 8:39:38.95 | -0.01 |
| | | | Sg | 39:44.78 | -0.14 |

Földrengés paraméterek

Hypocenter Parameters

63.

2021-01-20 time: 9:40:07.01 UTC ML= 1.8
 lat: 48.164N lon: 21.397E h= 0.0 km
 erh= 7.0km erz= 7.3km
 nr= 8 gap=131 rms=1.35
 Locality: Bodrogkeresztúr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 18.8 | 321 | Pg | 9:40:11.30 | 0.94 |
| | | | Sg | 40:13.56 | 0.59 |
| KECS | 76.4 | 298 | Sg | 9:40:29.87 | -1.41 |
| TRPA | 85.0 | 93 | Sg | 9:40:32.03 | -2.01 |
| PSZ | 115.4 | 256 | Sg | 9:40:40.97 | -2.71 |
| LANS | 179.6 | 308 | Sn | 9:40:59.54 | 0.16 |
| DRGR | 181.9 | 147 | Pn | 9:40:38.11 | 1.38 |
| | | | Sn | 41:00.05 | 0.14 |

64.

2021-01-20 time: 10:21:35.22 UTC ML= 1.5
 lat: 48.577N lon: 20.774E h= 0.0 km
 erh= 2.3km erz= 4.2km
 nr= 8 gap= 90 rms=0.63
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.7 | 244 | Pg | 10:21:39.93 | 0.47 |
| | | | Sg | 21:42.28 | -0.49 |
| ABAH | 46.5 | 132 | Pg | 10:21:43.94 | 0.41 |
| | | | Sg | 21:49.77 | -0.23 |
| PSZ | 98.1 | 222 | Sg | 10:22:06.24 | -0.18 |
| NIE | 99.5 | 340 | Pg | 10:21:53.59 | 0.60 |
| KOLS | 117.1 | 70 | Sg | 10:22:11.26 | -1.19 |
| VYHS | 143.4 | 266 | Sn | 10:22:18.39 | -1.19 |

65.

2021-01-20 time: 12:09:49.93 UTC ML= 2.4
 lat: 45.514N lon: 16.253E h= 10.8 km
 erh= 2.4km erz= 1.3km
 nr= 22 gap=160 rms=0.48
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 40.4 | 330 | Pg | 12:09:57.84 | 0.44 |
| | | | Sg | 10:03.37 | 0.14 |
| PTJ | 48.7 | 332 | Pg | 12:09:58.76 | -0.07 |
| | | | Sg | 10:05.08 | -0.70 |
| CRES | 71.1 | 299 | Pg | 12:10:02.71 | -0.06 |
| | | | Sg | 10:10.91 | -1.87 |
| KOGS | 103.9 | 360 | P* | 12:10:08.01 | -0.45 |
| BLY | 112.2 | 139 | Pn | 12:10:09.51 | -0.06 |
| | | | Sn | 10:24.00 | -0.89 |
| GROS | 120.3 | 331 | Pn | 12:10:10.50 | -0.08 |
| | | | Sn | 10:25.61 | -1.08 |
| PERS | 152.6 | 325 | Pn | 12:10:14.96 | 0.36 |
| | | | Sn | 10:34.23 | 0.38 |
| KOVH | 157.2 | 66 | Pn | 12:10:15.57 | 0.40 |
| SOKA | 160.2 | 324 | Pn | 12:10:15.56 | 0.01 |
| | | | Sn | 10:35.36 | -0.18 |
| OBKA | 172.2 | 310 | Pn | 12:10:17.52 | 0.47 |
| | | | Sn | 10:39.07 | 0.86 |
| PKSM | 201.1 | 67 | Pn | 12:10:20.86 | 0.21 |
| PKST | 237.5 | 35 | Pn | 12:10:25.55 | 0.35 |
| RONA | 243.0 | 1 | Pn | 12:10:27.57 | 1.69 |
| CONA | 270.1 | 354 | Pn | 12:10:30.93 | 1.67 |

66.

2021-01-20 time: 12:30:11.69 UTC ML= 1.6
 lat: 45.547N lon: 17.193E h= 6.6 km
 erh= 5.3km erz= 4.0km
 nr= 11 gap=127 rms=0.83
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BLY | 88.7 | 180 | Pg | 12:30:27.28 | -0.29 |
| | | | Sg | 30:39.58 | -0.38 |
| PKSV | 90.8 | 65 | Pg | 12:30:28.41 | 0.47 |
| | | | Sg | 30:39.96 | -0.65 |
| KOVH | 92.7 | 50 | Sg | 12:30:40.66 | -0.55 |
| PKSM | 134.5 | 57 | Pn | 12:30:35.04 | 0.38 |
| | | | Sn | 30:51.01 | -1.56 |
| MORH | 135.0 | 57 | Pn | 12:30:35.99 | 1.28 |
| | | | Sn | 30:51.55 | -1.11 |
| PKB4 | 151.9 | 46 | Sn | 12:30:58.16 | 1.74 |
| GROS | 165.8 | 308 | Sn | 12:30:58.91 | -0.60 |

67.

2021-01-20 time: 14:50:46.47 UTC ML= 1.7
 lat: 47.075N lon: 19.419E h= 0.0 km
 erh= 2.8km erz= 474km
 nr= 6 gap=191 rms=0.31
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.8 | 261 | Pg | 14:50:49.91 | -0.10 |
| | | | Sg | 50:53.17 | 0.40 |
| PENC | 80.2 | 353 | Pg | 14:51:01.10 | 0.30 |
| PSZ | 100.4 | 21 | Pg | 14:51:04.07 | -0.33 |
| PKSM | 112.9 | 212 | Pg | 14:51:06.83 | 0.19 |
| | | | Sg | 51:21.74 | -0.63 |

68.

2021-01-20 time: 15:08:42.74 UTC ML= 1.8
 lat: 47.146N lon: 19.350E h= 0.0 km
 erh= 6.9km erz= ***km
 nr= 7 gap=163 rms=0.68
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.0 | 233 | Pg | 15:08:45.91 | -0.05 |
| | | | Sg | 08:48.21 | -0.27 |
| PKB2 | 53.0 | 189 | Pg | 15:08:52.99 | 0.78 |
| PENC | 71.9 | 356 | Pg | 15:08:56.56 | 0.98 |
| PSZ | 95.2 | 26 | Pg | 15:08:59.40 | -0.34 |
| MORH | 116.6 | 208 | Sg | 09:11.81 | -1.19 |
| | | | Pg | 15:09:02.87 | -0.69 |

69.

2021-01-20 time: 15:24:59.97 UTC ML= 1.8
 lat: 47.073N lon: 19.423E h= 0.0 km
 erh= 5.2km erz= 945km
 nr= 9 gap=191 rms=0.71
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.1 | 262 | Pg | 15:25:03.41 | -0.15 |
| | | | Sg | 25:05.42 | -0.94 |
| PKB5 | 74.6 | 225 | Pg | 15:25:14.66 | 1.36 |
| PENC | 80.5 | 352 | Pg | 15:25:14.96 | 0.62 |
| PKB4 | 89.6 | 224 | Pg | 15:25:16.41 | 0.45 |
| PSZ | 100.5 | 21 | Pg | 15:25:17.77 | -0.14 |
| | | | Sg | 25:30.62 | -1.29 |

Hypocenter Parameters

MORH 112.4 212 Pg 15:25:19.33 -0.71
 PKSM 112.9 212 Pg 15:25:19.83 -0.30

70.

2021-01-20 time: 22:24:14.77 UTC ML= 1.4
 lat: 45.661N lon: 18.961E h= 6.4 km
 erh= 3.9km erz=40.4km
 nr= 10 gap=163 rms=0.64
 Locality: Serbia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 60.6 | 295 | Pg | 22:24:26.81 | 1.14 |
| PKSM | 66.1 | 338 | Pg | 22:24:26.61 | -0.02 |
| | | | Sg | 24:35.50 | -0.38 |
| MORH | 66.4 | 338 | Pg | 22:24:26.51 | -0.18 |
| | | | Sg | 24:35.22 | -0.76 |
| KOVH | 82.0 | 305 | Pg | 22:24:29.02 | -0.45 |
| | | | Sg | 24:40.06 | -0.86 |
| FRGS | 88.5 | 131 | Pg | 22:24:30.95 | 0.33 |
| | | | Sg | 24:42.00 | -0.98 |
| PKB4 | 96.9 | 343 | Pg | 22:24:32.86 | 0.74 |

71.

2021-01-21 time: 8:29:53.35 UTC ML= 1.6
 lat: 47.366N lon: 18.451E h= 0.0 km
 erh= 2.4km erz= 6.3km
 nr= 13 gap=113 rms=0.80
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.4 | 302 | PgU | 8:29:55.02 | 0.70 |
| | | | Sg | 29:55.66 | 0.59 |
| CSKK | 14.4 | 269 | PgU | 8:29:56.28 | 0.35 |
| | | | Sg | 29:57.51 | -0.42 |
| PKST | 33.7 | 249 | Pg | 8:29:59.55 | 0.18 |
| | | | Sg | 30:03.74 | -0.32 |
| A338 | 72.6 | 354 | Sg | 8:30:15.10 | -1.32 |
| PSZ | 124.6 | 60 | Sg | 8:30:34.28 | 1.31 |
| VYHS | 128.7 | 13 | Sg | 8:30:33.43 | -0.83 |
| MORH | 128.7 | 173 | Sg | 8:30:33.03 | -1.23 |
| PKSM | 129.1 | 174 | Sg | 8:30:33.38 | -1.02 |
| KOVH | 144.6 | 191 | Pn | 8:30:19.02 | 0.61 |
| | | | Sn | 30:34.90 | -3.06 |

72.

2021-01-21 time: 10:09:05.27 UTC ML= 1.6
 lat: 48.609N lon: 20.735E h= 0.0 km
 erh= 2.5km erz= 4.6km
 nr= 10 gap= 91 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.1 | 233 | Pg | 10:09:09.96 | 0.56 |
| ABAH | 51.1 | 133 | Pg | 10:09:13.92 | -0.48 |
| | | | Sg | 09:21.91 | 0.40 |
| NIE | 95.2 | 341 | Pg | 10:09:23.66 | 1.39 |
| | | | Sg | 09:35.01 | -0.51 |
| PSZ | 99.0 | 219 | Sg | 10:09:36.72 | -0.01 |
| LANS | 110.7 | 303 | eSg | 10:09:39.20 | -1.26 |
| KOLS | 118.7 | 72 | Sg | 10:09:42.59 | -0.42 |
| VYHS | 140.7 | 265 | Pn | 10:09:29.64 | -0.22 |
| | | | Sn | 09:48.22 | -0.81 |

Földrengés paraméterek

73.

2021-01-21 time: 11:34:27.67 UTC ML= 1.8
 lat: 48.994N lon: 21.250E h= 0.0 km
 erh= 2.3km erz= 2.5km
 nr= 15 gap=133 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOLS | 75.2 | 95 | Pg | 11:34:40.42 | -0.69 |
| | | | Sg | 34:52.40 | 0.81 |
| ABAH | 77.7 | 181 | Pg | 11:34:41.22 | -0.32 |
| | | | Sg | 34:52.21 | -0.15 |
| KECS | 79.9 | 225 | Pg | 11:34:43.14 | 1.19 |
| | | | Sg | 34:51.58 | -1.50 |
| NIE | 83.0 | 305 | Pg | 11:34:42.58 | 0.09 |
| | | | Sg | 34:54.34 | 0.29 |
| LANS | 131.4 | 278 | Pn | 11:34:51.31 | 0.22 |
| | | | Sn | 35:07.56 | -1.79 |
| TRPA | 135.2 | 135 | Pn | 11:34:51.89 | 0.32 |
| | | | Sn | 35:08.99 | -1.22 |
| PSZ | 156.1 | 220 | Pn | 11:34:54.94 | 0.77 |
| | | | Sn | 35:14.89 | 0.05 |
| OJC | 172.0 | 322 | Sn | 11:35:17.95 | -0.41 |

74.

2021-01-21 time: 13:19:24.65 UTC ML= 2.2
 lat: 47.075N lon: 19.438E h= 0.0 km
 erh= 2.6km erz= 4.5km
 nr= 11 gap=178 rms=0.44
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.3 | 262 | Pg | 13:19:28.67 | 0.22 |
| | | | Sg | 19:31.28 | -0.14 |
| PKB2 | 47.0 | 199 | Pg | 13:19:34.06 | 1.02 |
| PENC | 80.4 | 352 | Pg | 13:19:39.46 | 0.44 |
| PKB4 | 90.5 | 225 | Pg | 13:19:40.71 | -0.11 |
| PSZ | 99.9 | 20 | Pg | 13:19:42.07 | -0.42 |
| MORH | 113.2 | 212 | Pg | 13:19:44.83 | -0.04 |
| | | | Sg | 20:00.34 | -0.29 |
| PKSM | 113.7 | 212 | Pg | 13:19:44.93 | -0.02 |
| | | | Sg | 19:59.84 | -0.95 |
| KOVH | 150.2 | 223 | Pn | 13:19:50.05 | -0.36 |

75.

2021-01-21 time: 13:43:57.16 UTC ML= 1.9
 lat: 47.076N lon: 19.470E h= 0.0 km
 erh= 3.5km erz= 510km
 nr= 5 gap=195 rms=0.24
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 23.7 | 262 | Pg | 13:44:01.41 | 0.02 |
| | | | Sg | 44:04.22 | -0.46 |
| PENC | 80.7 | 350 | Pg | 13:44:11.95 | 0.37 |
| PSZ | 99.0 | 19 | Pg | 13:44:14.66 | -0.18 |
| MORH | 114.6 | 213 | Pg | 13:44:17.63 | 0.01 |

76.

2021-01-21 time: 20:44:12.04 UTC ML= 1.7
 lat: 45.803N lon: 21.535E h= 11.6 km
 erh= 2.5km erz= 2.0km
 nr= 11 gap= 76 rms=0.64
 Locality: Romania
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 21.7 | 163 | Pg | 20:44:16.56 | 0.13 |
| | | | Sg | 44:19.88 | 0.02 |
| SIRR | 52.5 | 11 | Pg | 20:44:21.79 | 0.16 |
| | | | Sg | 44:28.51 | -0.61 |
| BANR | 56.2 | 214 | Sg | 20:44:29.60 | -0.68 |
| AMBH | 87.3 | 314 | Sg | 20:44:39.24 | -0.77 |
| GZR | 107.1 | 115 | Pn | 20:44:31.12 | 0.18 |
| | | | Sn | 44:44.18 | -1.50 |
| DRGR | 142.4 | 40 | Pn | 20:44:36.43 | 1.09 |
| | | | Sn | 44:53.30 | -0.22 |
| FRGS | 154.0 | 241 | Sn | 20:44:57.12 | 1.03 |

77.

2021-01-22 time: 8:52:11.81 UTC ML= 1.8
 lat: 46.291N lon: 22.007E h= 0.0 km
 erh= 1.1km erz= 5.3km
 nr= 11 gap=130 rms=0.39
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 26.9 | 264 | Pg | 8:52:16.99 | 0.38 |
| | | | Sg | 52:20.45 | 0.09 |
| DRGR | 77.6 | 44 | Pg | 8:52:25.76 | 0.09 |
| | | | Sg | 52:36.33 | -0.14 |
| BZS | 80.8 | 202 | Pg | 8:52:26.56 | 0.32 |
| | | | Sg | 52:36.88 | -0.62 |
| AMBH | 98.9 | 274 | Sg | 8:52:42.90 | -0.34 |
| GZR | 116.3 | 149 | Pg | 8:52:32.92 | 0.34 |
| | | | Sg | 52:48.29 | -0.49 |
| BANR | 121.6 | 214 | Sg | 8:52:49.92 | -0.53 |
| CJR | 130.9 | 69 | Sn | 8:52:51.80 | -1.58 |

78.

2021-01-22 time: 9:16:04.70 UTC ML= 1.3
 lat: 48.558N lon: 20.760E h= 0.0 km
 erh= 3.2km erz= 3.0km
 nr= 6 gap=222 rms=0.38
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.0 | 248 | Pg | 9:16:09.06 | 0.44 |
| | | | Sg | 16:11.77 | 0.09 |
| ABAH | 45.9 | 129 | Pg | 9:16:12.78 | -0.12 |
| | | | Sg | 16:19.56 | 0.27 |
| PSZ | 95.9 | 222 | Sg | 9:16:34.62 | -0.57 |
| VYHS | 142.3 | 267 | Sn | 9:16:48.17 | -0.64 |

79.

2021-01-22 time: 10:11:50.06 UTC ML= 1.1
 lat: 46.132N lon: 18.021E h= 0.0 km
 erh= 1.8km erz= 399km
 nr= 10 gap=196 rms=0.31
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 7.8 | 128 | PgU | 10:11:51.53 | 0.08 |
| | | | Sg | 11:52.69 | 0.16 |
| PKSV | 32.4 | 146 | Pg | 10:11:55.92 | 0.07 |
| | | | Sg | 12:00.01 | -0.36 |
| PKSM | 48.7 | 79 | Pg | 10:11:58.95 | 0.19 |
| | | | Sg | 12:04.87 | -0.68 |
| MORH | 49.0 | 79 | Pg | 10:11:59.00 | 0.18 |
| | | | Sg | 12:05.41 | -0.24 |
| PKB4 | 60.5 | 48 | Sg | 10:12:09.68 | 0.39 |
| MPLH | 121.2 | 342 | Sg | 10:12:27.67 | -0.91 |

80.

2021-01-22 time: 11:21:22.01 UTC ML= 1.5
 lat: 47.553N lon: 18.487E h= 0.0 km
 erh= 1.3km erz= 2.2km
 nr= 7 gap=161 rms=0.31
 Locality: Szárliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 19.3 | 202 | Pg | 11:21:25.66 | 0.20 |
| | | | Sg | 21:28.52 | 0.37 |
| CSKK | 27.2 | 219 | Pg | 11:21:26.91 | 0.05 |
| | | | Sg | 21:30.63 | -0.01 |
| PKST | 47.3 | 226 | Sg | 11:21:36.50 | -0.54 |
| VYHS | 107.8 | 14 | Pg | 11:21:41.19 | -0.07 |
| MORH | 149.1 | 175 | Sn | 11:22:05.90 | -1.72 |

81.

2021-01-22 time: 11:21:43.53 UTC ML= 1.4
 lat: 47.587N lon: 18.469E h= 0.0 km
 erh= 1.1km erz= 2.0km
 nr= 12 gap=104 rms=0.46
 Locality: Vértestolna
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 22.5 | 195 | Pg | 11:21:47.74 | 0.19 |
| | | | Sg | 21:50.61 | -0.07 |
| CSKK | 29.4 | 212 | Pg | 11:21:48.95 | 0.16 |
| | | | Sg | 21:52.60 | -0.29 |
| PKST | 49.1 | 222 | Pg | 11:21:52.94 | 0.65 |
| | | | Sg | 21:59.42 | 0.29 |
| MPLH | 84.1 | 237 | Sg | 11:22:10.16 | -0.12 |
| VYHS | 104.5 | 15 | Sg | 11:22:16.38 | -0.37 |
| PSZ | 113.0 | 71 | Sg | 11:22:19.55 | 0.09 |
| MODS | 124.8 | 315 | Sg | 11:22:22.65 | -0.55 |
| MORH | 153.0 | 175 | Sn | 11:22:28.28 | -1.73 |
| PKSM | 153.4 | 175 | Sn | 11:22:28.98 | -1.13 |

82.

2021-01-22 time: 12:51:08.27 UTC ML= 1.6
 lat: 46.115N lon: 21.689E h= 0.0 km
 erh= 3.8km erz= 861km
 nr= 7 gap=167 rms=0.59
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 17.1 | 352 | Pg | 12:51:11.32 | 0.00 |
| BZS | 55.7 | 186 | Pg | 12:51:17.99 | -0.23 |
| | | | Sg | 51:25.19 | -0.79 |
| DRGR | 108.7 | 46 | Pg | 12:51:27.86 | 0.17 |
| | | | Sg | 51:41.27 | -1.56 |
| GZR | 116.6 | 133 | Pg | 12:51:29.87 | 0.77 |
| | | | Sg | 51:45.88 | 0.53 |

83.

2021-01-23 time: 22:33:00.35 UTC ML= 1.5
 lat: 45.711N lon: 17.965E h= 5.2 km
 erh= 4.7km erz= 2.1km
 nr= 15 gap=164 rms=0.64
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 29.8 | 49 | Pg | 22:33:06.20 | 0.45 |
| | | | Sg | 33:10.02 | 0.05 |
| KOVH | 43.2 | 14 | Pg | 22:33:08.55 | 0.43 |
| | | | Sg | 33:13.90 | -0.29 |
| PKSM | 76.5 | 43 | Pg | 22:33:13.86 | -0.18 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 33:23.11 | -1.61 |
| MORH | 77.0 | 43 | Pg | 22:33:13.72 | -0.40 |
| | | | Sg | 33:23.21 | -1.66 |
| PKB4 | 100.3 | 30 | Pg | 22:33:18.63 | 0.35 |
| BLY | 123.3 | 210 | Sn | 22:33:37.80 | -1.23 |
| PKS2 | 129.8 | 48 | Pn | 22:33:23.75 | 0.85 |
| | | | Sn | 33:39.86 | -0.63 |
| PKB1 | 135.3 | 28 | Pn | 22:33:24.05 | 0.47 |
| | | | Sn | 33:41.80 | 0.10 |
| PKB2 | 145.6 | 43 | Sn | 22:33:44.44 | 0.46 |

84.

2021-01-25 time: 8:54:12.32 UTC ML= 1.3
 lat: 48.058N lon: 20.697E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 5 gap=199 rms=0.46
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 48.2 | 57 | Pg | 8:54:21.01 | 0.07 |
| | | | Sg | 54:27.21 | -0.44 |
| KECS | 49.8 | 342 | Pg | 8:54:21.87 | 0.65 |
| | | | Sg | 54:27.61 | -0.54 |
| PSZ | 61.9 | 255 | Sg | 8:54:31.59 | -0.41 |

85.

2021-01-25 time: 10:01:08.01 UTC ML= 1.0
 lat: 47.193N lon: 18.313E h= 0.0 km
 erh= 1.1km erz= 1.9km
 nr= 12 gap=111 rms=0.40
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 19.3 | 348 | Pg | 10:01:11.63 | 0.17 |
| | | | Sg | 01:13.88 | -0.27 |
| PKST | 22.3 | 289 | Pg | 10:01:12.27 | 0.28 |
| | | | Sg | 01:14.85 | -0.25 |
| PKSG | 22.9 | 15 | Pg | 10:01:12.24 | 0.15 |
| | | | Sg | 01:15.33 | 0.05 |
| MPLH | 58.7 | 268 | Pg | 10:01:19.01 | 0.53 |
| | | | Sg | 01:25.70 | -0.95 |
| MORH | 111.5 | 167 | Sg | 10:01:43.59 | 0.13 |
| KOVH | 123.9 | 188 | Sg | 10:01:47.07 | -0.31 |
| PSZ | 143.8 | 56 | Sn | 10:01:51.84 | -0.60 |
| VYHS | 149.9 | 15 | Sn | 10:01:52.97 | -0.82 |

86.

2021-01-25 time: 13:41:19.76 UTC ML= 1.3
 lat: 46.020N lon: 21.785E h= 0.0 km
 erh= 3.1km erz= 827km
 nr= 7 gap=144 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 29.2 | 341 | Pg | 13:41:25.22 | 0.25 |
| | | | Sg | 41:29.25 | 0.21 |
| BZS | 46.7 | 196 | Pg | 13:41:27.93 | -0.16 |
| | | | Sg | 41:33.85 | -0.74 |
| GZR | 103.9 | 132 | Pg | 13:41:38.93 | 0.61 |
| | | | Sg | 41:52.74 | -0.06 |
| DRGR | 111.5 | 40 | Sg | 13:41:53.53 | -1.67 |

Földrengés paraméterek

87.

2021-01-25 time: 20:53:06.56 UTC ML= 2.4
 lat: 45.553N lon: 16.448E h= 10.0 km
 erh= 3.6km erz= 2.6km
 nr= 13 gap=226 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 46.8 | 311 | Sg | 20:53:21.69 | -0.09 |
| PTJ | 54.2 | 315 | Pg | 20:53:16.28 | -0.13 |
| | | | Sg | 53:23.06 | -1.03 |
| CRES | 83.0 | 291 | Pg | 20:53:21.36 | -0.13 |
| | | | Sg | 53:33.41 | 0.28 |
| KOGS | 100.6 | 351 | Pg | 20:53:25.81 | 1.19 |
| | | | Sg | 53:38.56 | -0.15 |
| BEHE | 105.0 | 14 | P* | 20:53:26.03 | 0.68 |
| | | | S* | 53:39.49 | -0.52 |
| GROS | 124.7 | 324 | Sn | 20:53:44.01 | -0.48 |
| KOVH | 141.5 | 65 | Pn | 20:53:29.13 | -0.83 |
| | | | Sn | 53:47.83 | -0.38 |
| PERS | 158.4 | 319 | Sn | 20:53:52.82 | 0.86 |

88.

2021-01-26 time: 8:00:53.93 UTC ML= 1.0
 lat: 47.269N lon: 18.350E h= 0.0 km
 erh= 0.8km erz= 1.2km
 nr= 11 gap=111 rms=0.24
 Locality: Sárkeresztés
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| CSKK | 12.5 | 327 | Pg | 8:00:56.25 | 0.10 |
| | | | Sg | 00:57.42 | -0.47 |
| PKSG | 14.0 | 13 | Pg | 8:00:56.60 | 0.17 |
| | | | Sg | 00:58.46 | 0.08 |
| PKST | 23.9 | 267 | Pg | 8:00:58.41 | 0.21 |
| | | | Sg | 01:01.40 | -0.13 |
| MORH | 119.2 | 169 | Sg | 8:01:31.48 | -0.34 |
| PKSM | 119.6 | 169 | Sg | 8:01:31.69 | -0.26 |
| KOVH | 132.6 | 188 | Sn | 8:01:36.04 | 0.16 |
| PSZ | 136.8 | 58 | Sn | 8:01:36.85 | 0.05 |
| VYHS | 141.0 | 15 | Sn | 8:01:36.21 | -1.53* |

89.

2021-01-26 time: 10:02:20.43 UTC ML= 1.2
 lat: 48.587N lon: 20.764E h= 0.0 km
 erh= 3.4km erz= 2.5km
 nr= 5 gap=165 rms=0.14
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.5 | 241 | Pg | 10:02:24.77 | 0.14 |
| | | | Sg | 02:27.64 | -0.26 |
| PSZ | 98.4 | 221 | Sg | 10:02:51.72 | 0.01 |
| KOLS | 117.5 | 71 | Sg | 10:02:57.71 | -0.06 |
| VYHS | 142.7 | 266 | Sn | 10:03:04.61 | -0.01 |

90.

2021-01-26 time: 10:59:01.68 UTC ML= 1.6
 lat: 47.832N lon: 19.886E h= 0.0 km
 erh= 3.2km erz= 3.9km
 nr= 12 gap=149 rms=0.89
 Locality: Gyöngyösoroszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-------------|------|
| PSZ | 9.6 | 4 | Pg | 10:59:03.85 | 0.45 |
| | | | Sg | 59:04.93 | 0.19 |

Földrengés paraméterek

Hypocenter Parameters

PENC 45.5 264 Pg 10:59:11.30 1.50
 Sg 59:16.36 0.22
 BUD 75.4 239 Sg 10:59:25.56 -0.10
 KECS 85.1 32 Sg 10:59:27.81 -0.91
 PKSN 103.9 181 Sg 10:59:34.15 -0.57
 VYHS 107.3 313 Sg 10:59:34.00 -1.79
 PKSG 122.6 246 Sg 10:59:39.34 -1.31
 PKST 153.2 245 Sn 10:59:47.77 -0.44
 PKB4 177.5 213 Sn 10:59:53.72 0.13
 NIE 179.3 10 Sn 10:59:54.42 0.43

91.

2021-01-26 time: 11:00:39.79 UTC ML= 0.8
 lat: 47.143N lon: 18.305E h= 0.0 km
 erh= 7.7km erz= ***km
 nr= 7 gap=260 rms=0.86
 Locality: Úrhida
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 24.2 | 302 | Pg | 11:00:45.03 | 0.92 |
| | | | Sg | 00:47.35 | -0.13 |
| CSKK | 24.7 | 352 | Pg | 11:00:44.53 | 0.33 |
| | | | Sg | 00:46.38 | -1.27 |
| PKSG | 28.5 | 13 | Pg | 11:00:45.34 | 0.47 |
| | | | Sg | 00:48.22 | -0.61 |
| MPLH | 58.1 | 273 | Sg | 11:00:56.28 | -1.97 |

92.

2021-01-26 time: 12:10:49.20 UTC ML= 1.4
 lat: 47.350N lon: 17.642E h= 0.0 km
 erh= 1.8km erz= 2.8km
 nr= 13 gap= 99 rms=0.67
 Locality: Csót
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 21.4 | 201 | Pg | 12:10:52.81 | -0.21 |
| | | | Sg | 10:55.37 | -0.64 |
| PKST | 31.3 | 109 | Pg | 12:10:55.37 | 0.58 |
| | | | Sg | 10:58.63 | -0.53 |
| CSKK | 46.7 | 88 | Sg | 12:11:04.93 | 0.88 |
| PKSG | 56.7 | 85 | Pg | 12:10:59.84 | 0.51 |
| | | | Sg | 11:06.49 | -0.74 |
| A338 | 91.2 | 36 | Sg | 12:11:17.83 | -0.35 |
| RONA | 108.6 | 291 | Sg | 12:11:23.76 | 0.06 |
| BEHE | 118.0 | 214 | Sg | 12:11:28.15 | 1.45 |
| MORH | 147.5 | 149 | Sn | 12:11:32.67 | -1.78 |
| CONA | 148.4 | 296 | Sn | 12:11:33.98 | -0.68 |
| VYHS | 155.4 | 35 | Sn | 12:11:36.00 | -0.20 |

93.

2021-01-26 time: 12:15:43.12 UTC ML= 1.5
 lat: 47.329N lon: 17.632E h= 0.0 km
 erh= 1.4km erz= 1.5km
 nr= 14 gap= 92 rms=0.59
 Locality: Béb
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 19.0 | 202 | Pg | 12:15:46.59 | 0.08 |
| | | | Sg | 15:49.21 | 0.05 |
| EGYH | 24.7 | 293 | Pg | 12:15:48.03 | 0.51 |
| | | | Sg | 15:52.14 | 1.19 |
| PKST | 31.4 | 104 | Pg | 12:15:48.76 | 0.03 |
| | | | Sg | 15:53.50 | 0.39 |
| PKSG | 57.8 | 83 | Pg | 12:15:53.75 | 0.32 |
| | | | Sg | 16:01.36 | -0.11 |
| MODS | 119.1 | 347 | Sg | 12:16:19.13 | -1.84 |
| KOVH | 142.5 | 165 | Sn | 12:16:27.40 | 0.13 |
| MORH | 146.0 | 148 | Sn | 12:16:27.40 | -0.63 |
| PKSM | 146.2 | 148 | Sn | 12:16:26.70 | -1.39 |

CONA 148.8 297 Sn 12:16:28.00 -0.66
 VYHS 157.7 35 Sn 12:16:30.52 -0.12

94.

2021-01-26 time: 12:48:56.90 UTC ML= 1.0
 lat: 48.383N lon: 20.632E h= 0.0 km
 erh= 2.5km erz= 678km
 nr= 6 gap=146 rms=0.39
 Locality: Szuhogy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 15.5 | 316 | Pg | 12:48:59.37 | -0.30 |
| | | | Sg | 49:01.93 | 0.11 |
| ABAH | 46.1 | 102 | Pg | 12:49:05.66 | 0.53 |
| | | | Sg | 49:10.80 | -0.75 |
| PSZ | 75.4 | 227 | Pg | 12:49:10.55 | 0.19 |
| | | | Sg | 49:20.57 | -0.28 |

95.

2021-01-26 time: 14:16:37.28 UTC ML= 1.9
 lat: 47.074N lon: 19.385E h= 0.0 km
 erh= 4.3km erz= 907km
 nr= 10 gap=172 rms=0.70
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 17.3 | 260 | Pg | 14:16:40.32 | -0.05 |
| | | | Sg | 16:42.44 | -0.34 |
| PKB2 | 45.8 | 194 | Pg | 14:16:45.91 | 0.46 |
| PKB5 | 72.7 | 223 | Pg | 14:16:51.43 | 1.16 |
| PENC | 80.0 | 354 | Pg | 14:16:51.96 | 0.39 |
| PSZ | 101.4 | 22 | Pg | 14:16:54.68 | -0.71 |
| MORH | 111.0 | 211 | Pg | 14:16:57.05 | -0.05 |
| | | | Sg | 17:10.95 | -1.61 |
| PKSM | 111.5 | 211 | Pg | 14:16:57.40 | 0.21 |
| | | | Sg | 17:11.15 | -1.57 |

96.

2021-01-27 time: 9:49:13.54 UTC ML= 1.2
 lat: 46.201N lon: 18.281E h= 0.0 km
 erh= 1.2km erz= 2.6km
 nr= 10 gap=123 rms=0.32
 Locality: Kisbattyán
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 18.8 | 228 | Pg | 9:49:17.07 | 0.18 |
| | | | Sg | 49:19.44 | -0.07 |
| PKSM | 27.8 | 87 | Pg | 9:49:18.93 | 0.42 |
| | | | Sg | 49:21.83 | -0.56 |
| MORH | 28.1 | 87 | Pg | 9:49:18.93 | 0.38 |
| | | | Sg | 49:22.26 | -0.20 |
| PKSV | 34.8 | 184 | Pg | 9:49:19.64 | -0.11 |
| | | | Sg | 49:24.28 | -0.32 |
| PKST | 119.1 | 351 | Sg | 9:49:51.22 | -0.19 |
| PKSG | 132.7 | 4 | Sn | 9:49:54.95 | -0.55 |

97.

2021-01-27 time: 10:09:28.28 UTC ML= 1.5
 lat: 48.599N lon: 20.735E h= 0.0 km
 erh= 1.3km erz= 2.5km
 nr= 12 gap= 91 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 22.5 | 235 | Pg | 10:09:32.77 | 0.47 |
| | | | Sg | 09:35.34 | -0.09 |

Hypocenter Parameters

Földregés paraméterek

ABAH 50.3 132 Pg 10:09:37.31 0.04
 Sg 09:44.36 0.09
 NIE 96.2 341 Pg 10:09:45.52 0.05
 Sg 09:58.31 -0.57
 PSZ 98.1 219 Sg 10:09:57.81 -1.66
 LANS 111.4 303 Pg 10:09:48.39 0.22
 KOLS 119.0 72 Pg 10:09:49.75 0.21
 Sg 10:05.02 -1.10
 VYHS 140.7 265 Pn 10:09:53.03 0.17
 Sn 10:11.51 -0.52

98.

2021-01-27 time: 11:19:37.03 UTC ML= 2.0
 lat: 47.003N lon: 22.309E h= 0.0 km
 erh= 2.7km erz= 3.6km
 nr= 12 gap=157 rms=0.68
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DRGR | 38.6 | 127 | Pg | 11:19:44.13 | | | 0.20 |
| | | | Sg | 19:49.16 | | | -0.15 |
| SIRR | 95.7 | 211 | Pg | 11:19:54.40 | | | 0.29 |
| | | | Sg | 20:05.49 | | | -1.94 |
| CJR | 103.5 | 108 | Sg | 11:20:08.89 | | | -1.03 |
| BMR | 116.7 | 50 | Pg | 11:19:58.41 | | | 0.55 |
| | | | Sg | 20:13.63 | | | -0.49 |
| TRPA | 126.6 | 8 | Pg | 11:19:59.02 | | | -0.61 |
| BZS | 163.0 | 199 | Pn | 11:20:05.08 | | | 0.69 |
| | | | Sn | 20:24.96 | | | -0.77 |
| GZR | 182.5 | 169 | Pn | 11:20:07.90 | | | 1.08 |
| | | | Sn | 20:30.07 | | | 0.01 |

99.

2021-01-27 time: 22:53:37.61 UTC ML= 2.1
 lat: 45.530N lon: 16.082E h= 10.3 km
 erh= 3.4km erz= 2.1km
 nr= 20 gap=169 rms=0.87
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ZAG | 33.9 | 348 | Pg | 22:53:43.84 | | | -0.09 |
| | | | Sg | 53:49.58 | | | 0.71 |
| PTJ | 42.2 | 347 | Pg | 22:53:44.95 | | | -0.42 |
| | | | Sg | 53:51.09 | | | -0.33 |
| CRES | 58.7 | 304 | Pg | 22:53:48.07 | | | -0.19 |
| | | | Sg | 53:56.53 | | | -0.03 |
| KOGS | 102.9 | 7 | P* | 22:53:56.27 | | | 0.23 |
| | | | S* | 54:08.76 | | | -1.66 |
| GROS | 112.8 | 337 | Pn | 22:53:58.89 | | | 1.50 |
| | | | Sn | 54:11.85 | | | -0.98 |
| BEHE | 117.5 | 27 | Sn | 22:54:13.36 | | | -0.51 |
| BLY | 122.7 | 135 | Pn | 22:53:58.25 | | | -0.38 |
| PERS | 143.8 | 329 | Sn | 22:54:20.61 | | | 0.90 |
| SOKA | 151.2 | 328 | Sn | 22:54:23.28 | | | 1.93 |
| OBKA | 161.0 | 313 | Pn | 22:54:03.39 | | | -0.02 |
| | | | Sn | 54:22.28 | | | -1.25 |
| KOVH | 168.7 | 68 | Sn | 22:54:23.47 | | | -1.77 |
| PKSM | 212.7 | 69 | Sn | 22:54:37.07 | | | 2.07 |
| MORH | 213.1 | 69 | Sn | 22:54:36.57 | | | 1.49 |
| PKB4 | 222.9 | 61 | Sn | 22:54:38.18 | | | 0.91 |

100.

2021-01-28 time: 8:16:43.58 UTC ML= 3.8
 lat: 48.663N lon: 18.673E h= 9.9 km
 erh= 1.0km erz= 0.9km
 nr= 66 gap= 59 rms=0.64
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| VYHS | 22.3 | 147 | Pg | 8:16:48.04 | | | 0.09 |
| | | | Sg | 16:51.00 | | | -0.35 |
| A338 | 75.9 | 198 | Pg | 8:16:57.39 | | | 0.15 |
| | | | Sg | 17:07.64 | | | -0.26 |
| LANS | 79.6 | 47 | Pg | 8:16:56.86 | | | -1.05 |
| A337 | 80.2 | 235 | Pg | 8:16:57.97 | | | -0.04 |
| | | | Sg | 17:09.56 | | | 0.29 |
| SMOL | 93.3 | 260 | Pg | 8:16:59.68 | | | -0.65 |
| | | | Sg | 17:12.51 | | | -0.88 |
| PENC | 107.1 | 155 | P* | 8:17:02.37 | | | -0.32 |
| | | | S* | 17:15.69 | | | -1.91 |
| MODS | 108.0 | 253 | Pn | 8:17:02.17 | | | -0.65 |
| | | | Sn | 17:16.08 | | | -1.75 |
| A339 | 119.6 | 219 | Pn | 8:17:04.49 | | | 0.22 |
| | | | Sn | 17:19.69 | | | -0.71 |
| PSZ | 122.8 | 132 | Pn | 8:17:05.10 | | | 0.43 |
| | | | Sn | 17:19.95 | | | -1.16 |
| BUD | 133.7 | 169 | Pn | 8:17:06.14 | | | 0.11 |
| | | | Sn | 17:22.80 | | | -0.74 |
| KECS | 135.3 | 99 | Pn | 8:17:06.04 | | | -0.18 |
| | | | Sn | 17:23.26 | | | -0.62 |
| PBUD | 135.5 | 169 | Sn | 8:17:24.13 | | | 0.19 |
| PKSG | 142.9 | 188 | Pn | 8:17:07.87 | | | 0.70 |
| | | | Sn | 17:25.80 | | | 0.22 |
| NIE | 146.5 | 55 | Pn | 8:17:07.54 | | | -0.08 |
| CSKK | 147.8 | 192 | Pn | 8:17:08.15 | | | 0.37 |
| | | | Sn | 17:26.45 | | | -0.21 |
| MORC | 148.7 | 326 | Pn | 8:17:08.55 | | | 0.65 |
| | | | Sn | 17:27.25 | | | 0.38 |
| PKST | 163.2 | 197 | Pn | 8:17:09.86 | | | 0.15 |
| | | | Sn | 17:29.71 | | | -0.38 |
| VRAC | 168.3 | 295 | PnD | 8:17:11.02 | | | 0.69 |
| | | | Sn | 17:31.10 | | | -0.10 |
| EGYH | 170.8 | 216 | Pn | 8:17:11.36 | | | 0.70 |
| | | | Sn | 17:32.34 | | | 0.56 |
| KRUC | 172.9 | 285 | Pn | 8:17:11.01 | | | 0.10 |
| | | | Sn | 17:31.22 | | | -1.01 |
| PKS7 | 183.3 | 169 | Pn | 8:17:13.05 | | | 0.84 |
| | | | Sn | 17:34.65 | | | 0.10 |
| MPLH | 186.4 | 207 | Pn | 8:17:13.04 | | | 0.45 |
| SOP | 191.3 | 235 | Pn | 8:17:13.03 | | | -0.18 |
| | | | Sn | 17:37.14 | | | 0.82 |
| OJC | 191.4 | 25 | Pn | 8:17:13.62 | | | 0.40 |
| | | | Sn | 17:35.88 | | | -0.46 |
| BSZH | 192.7 | 142 | Pn | 8:17:16.90 | | | 3.51 |
| ABAH | 194.1 | 102 | Pn | 8:17:14.16 | | | 0.60 |
| WINA | 202.2 | 252 | Pn | 8:17:15.25 | | | 0.68 |
| | | | Sn | 17:38.67 | | | -0.07 |
| TIH | 204.6 | 197 | Pn | 8:17:19.29 | | | 4.43* |
| RONA | 206.7 | 239 | Pn | 8:17:19.35 | | | 4.23 |
| | | | Sn | 17:40.12 | | | 0.40 |
| KRLC | 208.6 | 319 | Pn | 8:17:16.28 | | | 0.91 |
| | | | Sn | 17:39.66 | | | -0.51 |
| PKB1 | 209.1 | 178 | Pn | 8:17:15.73 | | | 0.30 |
| PKB2 | 225.2 | 169 | Pn | 8:17:18.67 | | | 1.23 |
| PKS9 | 232.7 | 187 | Pn | 8:17:19.40 | | | 1.03 |
| PKS6 | 239.0 | 164 | Sn | 8:17:46.83 | | | -0.07 |
| PKB4 | 241.0 | 181 | Pn | 8:17:19.84 | | | 0.44 |
| PKS2 | 244.8 | 170 | Sn | 8:17:48.02 | | | -0.17 |
| PKB3 | 252.1 | 171 | Sn | 8:17:48.82 | | | -0.98 |
| PKSM | 272.5 | 180 | Pn | 8:17:23.49 | | | 0.15 |
| | | | Sn | 17:52.47 | | | -1.88 |
| BEHE | 282.5 | 210 | Pn | 8:17:25.67 | | | 1.09 |
| | | | Sn | 17:56.65 | | | 0.08 |
| KOVH | 289.5 | 189 | Pn | 8:17:25.87 | | | 0.42 |
| | | | Sn | 17:56.32 | | | -1.79* |
| TRPA | 292.4 | 102 | Pn | 8:17:25.98 | | | 0.17 |
| KOGS | 306.4 | 217 | Pn | 8:17:27.80 | | | 0.24* |
| PKSV | 310.1 | 186 | Pn | 8:17:28.68 | | | 0.66* |
| | | | Sn | 18:01.76 | | | -0.92* |
| GROS | 341.9 | 224 | Pn | 8:17:31.90 | | | -0.09* |
| | | | Sn | 18:10.91 | | | 1.17* |
| SIRR | 348.8 | 140 | PnC | 8:17:33.47 | | | 0.62* |
| PERS | 349.5 | 230 | Pn | 8:17:33.43 | | | 0.49* |

Földrengés paraméterek

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|------------|----|-----|--------|
| SOKA | 351.3 | 231 | Pn | 8:17:33.64 | | | 0.48* |
| MESR | 361.3 | 118 | PnC | 8:17:35.93 | | | 1.52* |
| DRGR | 367.5 | 124 | Pn | 8:17:35.56 | | | 0.38* |
| | | | Sn | 18:15.56 | | | 0.13* |
| BMR | 375.4 | 107 | Pn | 8:17:36.45 | | | 0.29* |
| OBKA | 391.9 | 232 | Pn | 8:17:39.14 | | | 0.92* |
| | | | Sn | 18:21.35 | | | 0.51* |
| MARR | 400.4 | 123 | PnC | 8:17:40.45 | | | 1.17* |
| BZS | 405.7 | 147 | Pn | 8:17:39.86 | | | -0.08* |
| BANR | 410.0 | 153 | PnC | 8:17:41.67 | | | 1.20* |
| SURR | 415.9 | 141 | PnD | 8:17:41.91 | | | 0.69* |
| CJR | 428.7 | 120 | PnD | 8:17:44.50 | | | 1.70* |
| VISS | 430.5 | 222 | iPn | 8:17:43.52 | | | 0.48* |
| MYKA | 440.5 | 239 | Pn | 8:17:45.08 | | | 0.80* |
| | | | Sn | 18:31.45 | | | -0.16* |
| DEV | 445.0 | 134 | PnC | 8:17:45.54 | | | 0.70* |
| BLY | 449.8 | 195 | Pn | 8:17:46.23 | | | 0.79* |
| ARCR | 459.8 | 112 | PnC | 8:17:47.76 | | | 1.08* |
| GZR | 479.0 | 139 | PnC | 8:17:49.99 | | | 0.90* |
| MDVR | 490.1 | 152 | PnD | 8:17:51.58 | | | 1.11* |
| SKDS | 495.1 | 226 | ePn | 8:17:51.66 | | | 0.57* |
| HERR | 508.5 | 146 | PnD | 8:17:52.82 | | | 0.07* |
| ABTA | 509.1 | 245 | Pn | 8:17:56.48 | | | 3.65* |
| | | | Sn | 18:45.60 | | | -1.24* |
| MDB | 514.0 | 123 | PnD | 8:17:54.31 | | | 0.86* |
| LOT | 527.0 | 133 | PnC | 8:17:55.80 | | | 0.73* |
| TNR | 540.8 | 128 | PnC | 8:17:58.10 | | | 1.32* |
| WTTA | 548.0 | 254 | Pn | 8:17:58.81 | | | 1.12* |
| | | | Sn | 18:54.90 | | | -0.59* |
| WATA | 549.8 | 254 | Pn | 8:18:00.81 | | | 2.90* |
| | | | Sn | 18:54.75 | | | -1.13* |
| SQTA | 580.3 | 254 | Pn | 8:18:03.71 | | | 2.00* |
| | | | Sn | 18:56.62 | | | -6.02* |
| MOTA | 583.5 | 255 | Pn | 8:18:02.39 | | | 0.28* |
| | | | Sn | 19:01.72 | | | -1.65* |
| BIZ | 588.8 | 109 | PnC | 8:18:03.86 | | | 1.09* |
| DOPR | 589.7 | 121 | PnC | 8:18:03.78 | | | 0.90* |
| VOIR | 602.9 | 127 | PnC | 8:18:05.32 | | | 0.79* |
| RETA | 603.8 | 257 | Pn | 8:18:04.45 | | | -0.19* |
| | | | Sn | 19:07.06 | | | -0.81* |
| FETA | 622.0 | 253 | Pn | 8:18:08.11 | | | 1.20* |
| | | | Sn | 19:11.04 | | | -0.87* |
| BLKB | 639.9 | 151 | PnC | 8:18:09.52 | | | 0.37* |
| DAVA | 674.1 | 257 | Pn | 8:18:12.47 | | | -0.94* |
| | | | Sn | 19:21.23 | | | -2.24* |
| PLOR | 680.0 | 117 | PnD | 8:18:14.89 | | | 0.75* |

101.

2021-01-28 time: 8:27:56.55 UTC ML= 1.5
 lat: 47.325N lon: 18.432E h= 0.0 km
 erh= 1.9km erz= 481km
 nr= 7 gap=195 rms=0.33
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 8.1 | 337 | Pg | 8:27:57.90 | | | -0.10 |
| | | | Sg | 27:58.43 | | | -0.70 |
| CSKK | 13.6 | 288 | Pg | 8:27:59.39 | | | 0.40 |
| | | | Sg | 28:01.20 | | | 0.31 |
| PKST | 31.0 | 256 | Sg | 8:28:06.09 | | | -0.30 |
| MORH | 124.3 | 173 | Sg | 8:28:36.16 | | | 0.09 |
| PKSM | 124.7 | 173 | Sg | 8:28:36.06 | | | -0.14 |

102.

2021-01-28 time: 9:41:00.77 UTC ML= 2.1
 lat: 48.234N lon: 21.250E h= 0.0 km
 erh= 2.8km erz= 4.5km
 nr= 8 gap=154 rms=0.61
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ABAH | 6.9 | 353 | Pg | 9:41:02.46 | | | 0.46 |
| | | | Sg | 41:03.97 | | | 1.01 |
| KECS | 63.1 | 296 | Sg | 9:41:20.45 | | | -0.36 |
| TRPA | 96.5 | 97 | Pg | 9:41:18.08 | | | 0.07 |
| PSZ | 107.0 | 251 | Sg | 9:41:34.35 | | | -0.42 |
| KOLS | 108.3 | 44 | Sg | 9:41:34.35 | | | -0.85 |
| NIE | 148.6 | 332 | Pn | 9:41:26.53 | | | 0.20 |
| | | | Sn | 41:44.58 | | | -1.69 |

103.

2021-01-28 time: 10:07:30.56 UTC ML= 1.3
 lat: 47.099N lon: 17.901E h= 0.0 km
 erh= 1.2km erz= 2.4km
 nr= 14 gap=114 rms=0.47
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| PKST | 20.5 | 30 | Pg | 10:07:34.12 | | | -0.10 |
| | | | Sg | 07:36.96 | | | -0.12 |
| MPLH | 28.6 | 286 | Pg | 10:07:35.53 | | | -0.14 |
| | | | Sg | 07:40.16 | | | 0.52 |
| CSKK | 40.1 | 43 | Pg | 10:07:37.59 | | | -0.13 |
| | | | Sg | 07:43.41 | | | 0.11 |
| PKSG | 49.4 | 49 | Sg | 10:07:46.56 | | | 0.31 |
| PKB4 | 85.8 | 141 | Sg | 10:07:59.43 | | | 1.59 |
| KOVH | 113.3 | 172 | Sg | 10:08:06.18 | | | -0.41 |
| MORH | 113.4 | 150 | Sg | 10:08:06.18 | | | -0.44 |
| PKSM | 113.7 | 150 | Sg | 10:08:06.16 | | | -0.55 |
| MODS | 149.3 | 342 | Sn | 10:08:13.21 | | | -3.01* |
| VYHS | 170.2 | 24 | Sn | 10:08:20.68 | | | -0.19 |
| CONA | 179.2 | 301 | Sn | 10:08:23.30 | | | 0.44 |

104.

2021-01-28 time: 11:36:18.44 UTC ML= 1.6
 lat: 46.839N lon: 17.338E h= 0.0 km
 erh= 2.0km erz= 842km
 nr= 14 gap= 81 rms=0.72
 Locality: Lesencefalva
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MPLH | 39.9 | 23 | Pg | 11:36:26.15 | | | 0.58 |
| | | | Sg | 36:31.70 | | | 0.57 |
| BEHE | 59.4 | 226 | Sg | 11:36:38.07 | | | 0.73 |
| EGYH | 64.3 | 360 | Sg | 11:36:37.87 | | | -1.02 |
| PKST | 70.6 | 49 | Pg | 11:36:31.63 | | | 0.58 |
| | | | Sg | 36:40.82 | | | -0.06 |
| KOGS | 93.9 | 242 | Sg | 11:36:47.50 | | | -0.80 |
| KOVH | 101.9 | 145 | Pg | 11:36:36.56 | | | -0.08 |
| | | | Sg | 36:50.31 | | | -0.52 |
| MORH | 121.8 | 125 | Pg | 11:36:40.38 | | | 0.19 |
| | | | Sg | 36:56.54 | | | -0.62 |
| PKSM | 121.9 | 125 | Pg | 11:36:40.83 | | | 0.62 |
| | | | Sg | 36:55.43 | | | -1.75 |
| RONA | 124.0 | 321 | Sg | 11:36:55.70 | | | -2.16 |

105.

2021-01-28 time: 12:35:29.91 UTC ML= 1.6
 lat: 48.549N lon: 21.694E h= 0.0 km
 erh= 3.7km erz= 3.1km
 nr= 8 gap=185 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| ABAH | 43.8 | 230 | Pg | 12:35:37.82 | | | 0.08 |
| | | | Sg | 35:42.95 | | | -0.89 |
| KOLS | 60.4 | 45 | Pg | 12:35:40.23 | | | -0.46 |
| | | | Sg | 35:49.45 | | | 0.36 |
| KECS | 89.5 | 265 | Pg | 12:35:46.54 | | | 0.64 |

Hypocenter Parameters

Sg 35:58.11 -0.26
 NIE 139.9 314 Sn 12:36:13.33 -0.14
 PSZ 150.9 242 Sn 12:36:16.31 0.38

106.

2021-01-28 time: 13:00:23.18 UTC ML= 1.8
 lat: 47.070N lon: 19.438E h= 0.0 km
 erh= 2.8km erz= 547km
 nr= 8 gap=193 rms=0.39
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.2 | 263 | Pg | 13:00:27.33 | 0.36 |
| | | | Sg | 00:29.32 | -0.60 |
| PENC | 81.0 | 352 | Pg | 13:00:37.98 | 0.34 |
| PSZ | 100.4 | 20 | Pg | 13:00:40.96 | -0.15 |
| | | | Sg | 00:54.51 | -0.59 |
| MORH | 112.7 | 213 | Pg | 13:00:43.50 | 0.19 |
| | | | Sg | 00:58.09 | -0.92 |
| PKSM | 113.2 | 213 | Pg | 13:00:43.53 | 0.14 |

107.

2021-01-28 time: 13:24:47.26 UTC ML= 1.8
 lat: 47.090N lon: 19.416E h= 0.0 km
 erh= 3.3km erz= 636km
 nr= 9 gap=190 rms=0.48
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.0 | 256 | Pg | 13:24:51.22 | 0.40 |
| | | | Sg | 24:53.26 | -0.34 |
| PENC | 78.5 | 353 | Pg | 13:25:02.00 | 0.72 |
| | | | Sg | 25:11.17 | -1.05 |
| PKB4 | 90.6 | 223 | Pg | 13:25:03.51 | 0.08 |
| PSZ | 98.9 | 21 | Pg | 13:25:04.87 | -0.05 |
| MORH | 113.7 | 211 | Pg | 13:25:07.49 | -0.08 |
| | | | Sg | 25:22.15 | -1.26 |
| PKSM | 114.2 | 211 | Pg | 13:25:07.64 | -0.02 |

108.

2021-01-29 time: 8:38:38.95 UTC ML= 1.2
 lat: 47.076N lon: 18.082E h= 0.0 km
 erh= 2.6km erz= 951km
 nr= 12 gap=133 rms=0.78
 Locality: Papkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 20.7 | 350 | Pg | 8:38:41.71 | -0.93 |
| | | | Sg | 38:41.87 | -3.65 |
| TIH | 24.3 | 216 | Sg | 8:38:45.20 | -1.47 |
| CSKK | 34.7 | 23 | Pg | 8:38:45.52 | 0.38 |
| | | | Sg | 38:49.88 | -0.08 |
| MPLH | 42.5 | 284 | Pg | 8:38:47.39 | 0.85 |
| | | | Sg | 38:52.99 | 0.53 |
| MORH | 104.8 | 156 | Pg | 8:38:58.22 | 0.55 |
| | | | Sg | 39:12.17 | -0.11 |
| PKSM | 105.2 | 156 | Pg | 8:38:58.27 | 0.54 |
| | | | Sg | 39:11.97 | -0.41 |
| KOVH | 109.8 | 179 | Sg | 8:39:13.13 | -0.72 |

109.

2021-01-29 time: 9:46:54.24 UTC ML= 1.2
 lat: 46.157N lon: 17.999E h= 0.0 km
 erh= 2.0km erz= 2.9km
 nr= 13 gap=196 rms=0.52
 Locality: Hetvehely
 Comments: probably explosion

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 10.9 | 134 | PgU | 9:46:56.33 | 0.15 |
| | | | Sg | 46:57.69 | -0.01 |
| PKSV | 35.7 | 147 | Pg | 9:47:00.40 | -0.21 |
| | | | Sg | 47:04.66 | -0.92 |
| PKSM | 50.0 | 83 | Pg | 9:47:03.64 | 0.47 |
| | | | Sg | 47:10.11 | -0.02 |
| MORH | 50.2 | 82 | Pg | 9:47:03.69 | 0.47 |
| | | | Sg | 47:09.94 | -0.27 |
| PKB4 | 60.0 | 51 | Sg | 9:47:13.85 | 0.54 |
| MPLH | 118.0 | 343 | Sg | 9:47:32.18 | 0.41 |
| PKST | 122.6 | 1 | Sg | 9:47:31.98 | -1.23 |
| CSKK | 135.6 | 8 | Sn | 9:47:35.39 | -1.47 |
| PKSG | 140.6 | 12 | Sn | 9:47:37.90 | -0.06 |

110.

2021-01-29 time: 10:25:24.54 UTC ML= 1.8
 lat: 47.102N lon: 18.024E h= 0.0 km
 erh= 1.5km erz= 3.2km
 nr= 22 gap=106 rms=0.76
 Locality: Királyszentistván
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 17.5 | 2 | Pg | 10:25:27.05 | -0.61 |
| | | | Sg | 25:29.62 | -0.47 |
| TIH | 24.6 | 204 | Pg | 10:25:28.81 | -0.12 |
| CSKK | 34.1 | 32 | Pg | 10:25:30.74 | 0.11 |
| | | | Sg | 25:35.56 | 0.18 |
| MPLH | 37.6 | 282 | Pg | 10:25:32.40 | 1.16 |
| | | | Sg | 25:36.91 | 0.44 |
| PKSG | 42.5 | 41 | Sg | 10:25:38.82 | 0.77 |
| EGYH | 63.0 | 304 | Sg | 10:25:44.66 | 0.08 |
| PKB4 | 80.6 | 147 | Sg | 10:25:52.14 | 1.99 |
| A338 | 104.5 | 14 | Pg | 10:25:43.77 | 0.57 |
| | | | Sg | 25:58.32 | 0.57 |
| MORH | 109.3 | 154 | Pg | 10:25:43.71 | -0.36 |
| | | | Sg | 25:59.49 | 0.19 |
| PKSM | 109.7 | 154 | Pg | 10:25:43.77 | -0.35 |
| | | | Sg | 25:59.09 | -0.30 |
| KOVH | 112.8 | 177 | Pg | 10:25:44.51 | -0.18 |
| | | | Sg | 25:59.12 | -1.29 |
| PKSV | 136.0 | 173 | Sn | 10:26:03.91 | -3.34 |
| MODS | 152.1 | 338 | Sn | 10:26:08.04 | -2.77 |
| VYHS | 166.3 | 21 | Pn | 10:25:52.32 | 0.01 |
| | | | Sn | 26:11.97 | -2.00 |

111.

2021-01-29 time: 10:34:08.87 UTC ML= 1.9
 lat: 47.449N lon: 16.274E h= 0.0 km
 erh= 1.2km erz= 420km
 nr= 12 gap=122 rms=0.35
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 27.9 | 3 | Pg | 10:34:13.97 | 0.11 |
| | | | Sg | 34:17.87 | 0.12 |
| SOP | 33.7 | 39 | Pg | 10:34:14.87 | -0.02 |
| | | | Sg | 34:19.13 | -0.46 |
| CONA | 61.6 | 330 | Pg | 10:34:20.34 | 0.47 |
| | | | Sg | 34:27.68 | -0.78 |
| EGYH | 79.9 | 93 | Pg | 10:34:23.40 | 0.27 |
| | | | Sg | 34:33.90 | -0.36 |
| MPLH | 100.6 | 108 | Pg | 10:34:27.22 | 0.39 |
| | | | Sg | 34:40.13 | -0.71 |
| KOGS | 111.3 | 181 | Pg | 10:34:28.61 | -0.12 |
| GROS | 124.6 | 208 | Pg | 10:34:30.94 | -0.17 |

Földrengés paraméterek

Hypocenter Parameters

112.

2021-01-29 time: 10:51:41.31 UTC ML= 1.2
 lat: 46.115N lon: 18.050E h= 0.0 km
 erh= 1.5km erz= 270km
 nr= 10 gap=211 rms=0.21
 Locality: Bükkösöd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KOVH | 4.9 | 128 | Pg | 10:51:42.33 | 0.15 |
| | | | Sg | 51:43.30 | 0.44 |
| PKSV | 29.7 | 148 | Pg | 10:51:46.47 | -0.14 |
| | | | Sg | 51:50.46 | -0.28 |
| PKSM | 46.9 | 77 | Pg | 10:51:49.53 | -0.16 |
| | | | Sg | 51:56.06 | -0.16 |
| MORH | 47.2 | 76 | Pg | 10:51:49.81 | 0.07 |
| | | | Sg | 51:56.16 | -0.16 |
| PKB4 | 60.1 | 45 | Pg | 10:51:52.22 | 0.17 |
| PKST | 127.2 | 359 | Sg | 10:52:18.65 | -3.07* |

113.

2021-01-30 time: 1:30:26.99 UTC ML= 0.1
 lat: 47.357N lon: 18.334E h= 9.4 km
 erh= 0.6km erz= 0.3km
 nr= 5 gap=196 rms=0.01
 Locality: Csákberény
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.6 | 277 | Pg | 1:30:28.93 | -0.01 |
| | | | Sg | 30:30.47 | 0.01 |
| PKSG | 5.7 | 48 | Pg | 1:30:28.96 | 0.01 |
| | | | Sg | 30:30.47 | -0.01 |
| PKST | 25.2 | 244 | Sg | 1:30:35.53 | 0.00 |

114.

2021-01-30 time: 1:51:50.27 UTC ML= 0.3
 lat: 47.439N lon: 18.271E h= 8.2 km
 erh= 3.8km erz= 3.2km
 nr= 6 gap=259 rms=0.07
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 8.5 | 186 | Pg | 1:51:52.33 | -0.06 |
| | | | Sg | 51:54.05 | 0.01 |
| PKSG | 10.4 | 120 | PgU | 1:51:52.74 | 0.09 |
| | | | Sg | 51:54.45 | -0.05 |
| PKST | 26.9 | 222 | Pg | 1:51:55.23 | -0.06 |
| | | | Sg | 51:59.30 | 0.09 |

115.

2021-01-31 time: 1:38:42.21 UTC ML= 0.2
 lat: 47.377N lon: 18.324E h= 11.6 km
 erh= 1.3km erz= 0.3km
 nr= 6 gap=180 rms=0.02
 Locality: Csákberény
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.0 | 252 | PgU | 1:38:44.47 | 0.01 |
| | | | Sg | 38:46.20 | -0.02 |
| PKSG | 5.3 | 72 | PgU | 1:38:44.50 | 0.02 |
| | | | Sg | 38:46.23 | -0.02 |
| PKST | 25.5 | 239 | PgU | 1:38:47.18 | -0.03 |
| | | | Sg | 38:51.15 | 0.03 |

116.

2021-01-31 time: 2:18:02.07 UTC ML= 0.4
 lat: 47.124N lon: 17.719E h= 0.3 km
 erh= 2.0km erz=81.1km
 nr= 6 gap=231 rms=0.19
 Locality: Herend
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MPLH | 14.5 | 291 | Pg | 2:18:04.55 | -0.11 |
| | | | Sg | 18:06.48 | -0.21 |
| PKST | 28.3 | 58 | Pg | 2:18:07.35 | 0.23 |
| | | | Sg | 18:11.01 | -0.04 |
| EGYH | 43.8 | 318 | Sg | 2:18:16.26 | 0.26 |
| PKSG | 59.0 | 60 | Sg | 2:18:20.58 | -0.23 |

117.

2021-01-31 time: 17:06:54.58 UTC ML= 2.6
 lat: 45.501N lon: 16.327E h= 11.6 km
 erh= 3.9km erz= 2.5km
 nr= 21 gap=157 rms=0.80
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 44.7 | 325 | Pg | 17:07:02.76 | -0.07 |
| | | | Sg | 07:09.38 | 0.11 |
| PTJ | 52.8 | 327 | Pg | 17:07:03.62 | -0.62 |
| | | | Sg | 07:10.59 | -1.19 |
| CRES | 76.8 | 298 | Pg | 17:07:09.57 | 1.12 |
| | | | Sg | 07:18.76 | -0.51 |
| KOGS | 105.5 | 357 | Pn | 17:07:13.16 | -0.11 |
| | | | Sn | 07:26.51 | -1.35 |
| BLY | 107.4 | 141 | Pn | 17:07:12.80 | -0.71 |
| | | | Sn | 07:27.15 | -1.14 |
| BEHE | 113.2 | 18 | Pn | 17:07:14.37 | 0.13 |
| GROS | 124.4 | 329 | Pn | 17:07:15.65 | 0.01 |
| | | | Sn | 07:31.52 | -0.54 |
| KOVH | 152.6 | 65 | Sn | 17:07:39.45 | 1.14 |
| PERS | 157.1 | 323 | Pn | 17:07:20.42 | 0.71 |
| SOKA | 164.7 | 323 | Pn | 17:07:22.43 | 1.77 |
| OBKA | 177.6 | 309 | Pn | 17:07:23.72 | 1.46 |
| | | | Sn | 07:43.31 | -0.55 |
| RONA | 244.4 | 359 | Pn | 17:07:31.06 | 0.46 |
| CONA | 272.2 | 352 | Pn | 17:07:34.56 | 0.50 |
| WINA | 290.4 | 356 | Pn | 17:07:36.85 | 0.52 |

118.

2021-01-31 time: 21:50:58.08 UTC ML= 2.4
 lat: 45.641N lon: 16.049E h= 9.1 km
 erh= 1.6km erz= 1.2km
 nr= 23 gap=156 rms=0.42
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 21.3 | 348 | Pg | 21:51:02.21 | -0.01 |
| | | | Sg | 51:05.70 | 0.26 |
| PTJ | 29.6 | 346 | Pg | 21:51:03.38 | -0.23 |
| | | | Sg | 51:07.71 | -0.22 |
| CRES | 50.5 | 294 | Pg | 21:51:07.06 | -0.18 |
| | | | Sg | 51:14.21 | -0.18 |
| KOGS | 91.0 | 10 | Pg | 21:51:14.11 | -0.31 |
| GROS | 100.5 | 335 | Pg | 21:51:16.72 | 0.62 |
| BEHE | 107.9 | 31 | P* | 21:51:18.10 | 0.71 |
| PERS | 132.0 | 327 | Pn | 21:51:20.17 | -0.24 |
| BLY | 133.3 | 138 | Pn | 21:51:20.74 | 0.16 |
| | | | Sn | 51:38.31 | 0.18 |
| SOKA | 139.5 | 326 | Pn | 21:51:21.67 | 0.33 |
| | | | Sn | 51:39.18 | -0.31 |
| OBKA | 151.0 | 310 | Pn | 21:51:23.33 | 0.56 |
| | | | Sn | 51:41.85 | -0.19 |

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr mn sec | res |
|---------|-------|-----|-------|-------------|--------|
| KOVH | 166.8 | 73 | Pn | 21:51:24.54 | -0.21 |
| PKSV | 173.5 | 81 | Sn | 21:51:47.24 | 0.19 |
| PKSM | 210.8 | 72 | Pn | 21:51:28.96 | -1.28 |
| | | | Sn | 51:54.22 | -1.10 |
| MORH | 211.2 | 72 | Pn | 21:51:29.03 | -1.25 |
| RONA | 229.6 | 5 | Pn | 21:51:32.81 | 0.23 |
| CONA | 254.7 | 357 | Pn | 21:51:35.73 | 0.02 |
| MODS | 317.8 | 17 | Pn | 21:51:42.99 | -0.59* |

119.

2021-02-01 time: 10:00:42.90 UTC ML= 1.5
 lat: 48.312N lon: 21.508E h= 0.0 km
 erh= 3.1km erz= 818km
 nr= 8 gap=145 rms=0.59
 Locality: Hercegekút
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 20.0 | 265 | Pg | 10:00:46.76 | 0.29 |
| | | | Sg | 00:49.45 | 0.19 |
| KECS | 78.1 | 284 | Sg | 10:01:06.30 | -1.42 |
| TRPA | 79.2 | 105 | Pg | 10:00:57.21 | 0.17 |
| | | | Sg | 01:07.39 | -0.69 |
| KOLS | 89.2 | 39 | Pg | 10:00:59.60 | 0.78 |
| | | | Sg | 01:10.86 | -0.38 |
| PSZ | 127.9 | 250 | Sg | 10:01:22.95 | -0.60 |

120.

2021-02-01 time: 11:21:31.01 UTC ML= 1.6
 lat: 47.532N lon: 18.688E h= 0.0 km
 erh= 1.2km erz= 2.0km
 nr= 26 gap= 51 rms=0.62
 Locality: Mány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BUD | 25.8 | 102 | Sg | 11:21:38.96 | -0.26 |
| PKSG | 27.3 | 235 | Pg | 11:21:35.54 | -0.34 |
| | | | Sg | 21:39.66 | -0.03 |
| CSKK | 37.3 | 240 | Pg | 11:21:38.15 | 0.48 |
| | | | Sg | 21:42.98 | 0.11 |
| PENC | 53.1 | 57 | Pg | 11:21:41.68 | 1.20 |
| | | | Sg | 21:47.24 | -0.63 |
| PKST | 57.9 | 238 | Pg | 11:21:41.53 | 0.18 |
| | | | Sg | 21:49.55 | 0.13 |
| A338 | 59.4 | 335 | Sg | 11:21:50.26 | 0.38 |
| PKS7 | 64.6 | 146 | Sg | 11:21:51.81 | 0.26 |
| PKB1 | 83.4 | 175 | Sg | 11:21:58.54 | 1.01 |
| MPLH | 95.7 | 245 | Pg | 11:21:47.76 | -0.33 |
| | | | Sg | 22:01.12 | -0.29 |
| PSZ | 100.2 | 65 | Sg | 11:22:02.22 | -0.63 |
| EGYH | 103.1 | 263 | Sg | 11:22:03.75 | -0.01 |
| PKB2 | 104.2 | 156 | Sg | 11:22:04.16 | 0.05 |
| VYHS | 107.6 | 6 | Pg | 11:21:50.57 | 0.35 |
| | | | Sg | 22:02.25 | -2.95 |
| PKB4 | 115.3 | 183 | Pg | 11:21:51.28 | -0.31 |
| | | | Sg | 22:06.66 | -0.99 |
| MODS | 141.0 | 312 | Sn | 11:22:11.86 | -2.96 |
| MORH | 146.3 | 181 | Sn | 11:22:14.87 | -1.13 |
| PKSM | 146.8 | 181 | Sn | 11:22:15.07 | -1.03 |
| KOVH | 166.6 | 196 | Sn | 11:22:20.81 | 0.30 |
| PKSV | 185.7 | 190 | Sn | 11:22:25.84 | 1.10 |

121.

2021-02-01 time: 11:24:01.46 UTC ML= 1.7
 lat: 48.792N lon: 20.755E h= 0.0 km
 erh= 8.0km erz= ***km
 nr= 7 gap=122 rms=1.65
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 39.6 | 210 | Pg | 11:24:09.58 | 1.04 |
| | | | Sg | 24:14.05 | 0.00 |
| ABAH | 65.7 | 147 | Pg | 11:24:12.95 | -0.25 |
| | | | Sg | 24:19.07 | -3.28 |
| NIE | 76.9 | 335 | Sg | 11:24:25.19 | -0.70 |
| KOLS | 112.5 | 82 | eSg | 11:24:41.30 | 4.07 |
| PSZ | 116.2 | 213 | Sg | 11:24:37.64 | -0.74 |

122.

2021-02-01 time: 18:41:05.87 UTC ML= 2.9
 lat: 45.594N lon: 16.051E h= 10.8 km
 erh= 2.0km erz= 1.2km
 nr= 19 gap=163 rms=0.47
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 26.5 | 350 | Pg | 18:41:11.02 | 0.04 |
| | | | Sg | 41:15.25 | 0.28 |
| PTJ | 34.8 | 348 | Pg | 18:41:12.13 | -0.25 |
| | | | Sg | 41:17.21 | -0.24 |
| CRES | 53.0 | 299 | Pg | 18:41:15.38 | -0.14 |
| | | | Sg | 41:22.81 | -0.24 |
| KOGS | 96.2 | 9 | Pg | 18:41:23.32 | 0.16 |
| | | | Sg | 41:35.61 | -1.04 |
| GROS | 105.3 | 336 | P* | 18:41:24.69 | 0.05 |
| | | | S* | 41:38.38 | -0.89 |
| BEHE | 112.4 | 30 | Pn | 18:41:26.14 | 0.59 |
| | | | Sn | 41:40.77 | -0.13 |
| BLY | 129.4 | 137 | Pn | 18:41:27.47 | -0.20 |
| | | | Sn | 41:43.62 | -1.05 |
| PERS | 136.5 | 328 | Pn | 18:41:29.17 | 0.62 |
| | | | Sn | 41:46.40 | 0.16 |
| SOKA | 143.9 | 327 | Pn | 18:41:30.22 | 0.75 |
| | | | Sn | 41:47.33 | -0.55 |
| RONA | 234.9 | 5 | Pn | 18:41:42.22 | 1.41 |

123.

2021-02-02 time: 1:54:53.50 UTC ML= 2.2
 lat: 46.188N lon: 16.615E h= 3.4 km
 erh= 1.7km erz= 1.7km
 nr= 52 gap= 66 rms=0.94
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 33.7 | 21 | Pg | 1:54:59.98 | 0.43 |
| | | | Sg | 55:04.78 | 0.50 |
| KOGS | 40.4 | 316 | Pg | 1:55:01.13 | 0.40 |
| | | | Sg | 55:06.53 | 0.16 |
| PTJ | 60.1 | 238 | Pg | 1:55:04.57 | 0.32 |
| | | | Sg | 55:12.47 | -0.16 |
| ZAG | 62.5 | 230 | Sg | 1:55:13.65 | 0.26 |
| GROS | 91.0 | 290 | Pg | 1:55:09.29 | -0.47 |
| | | | Sg | 55:21.09 | -1.35 |
| CRES | 98.3 | 246 | Pg | 1:55:11.60 | 0.53 |
| | | | Sg | 55:24.47 | -0.30 |
| KOVH | 115.2 | 95 | Pg | 1:55:13.01 | -1.08 |
| | | | Sg | 55:28.42 | -1.73 |
| PERS | 125.5 | 293 | Pn | 1:55:15.89 | 0.13 |
| | | | Sn | 55:31.79 | -1.33 |
| TIH | 126.0 | 51 | Pn | 1:55:15.21 | -0.60 |
| MPLH | 130.1 | 33 | Pn | 1:55:16.49 | 0.16 |
| | | | Sn | 55:32.81 | -1.32 |
| PKSV | 131.0 | 105 | Pn | 1:55:15.11 | -1.33 |
| | | | Sn | 55:33.35 | -0.98 |
| SOKA | 133.3 | 294 | Pn | 1:55:16.91 | 0.19 |
| | | | Sn | 55:33.59 | -1.25 |
| PKS9 | 135.4 | 71 | Pn | 1:55:17.97 | 0.98 |
| | | | Sn | 55:34.95 | -0.37 |
| EGYH | 147.2 | 22 | Pn | 1:55:18.93 | 0.47 |
| | | | Sn | 55:37.90 | -0.03 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|------------|-------|
| PKSM | 156.4 | 89 | Pn | 1:55:17.93 | -1.68 |
| | | | Sn | 55:39.30 | -0.67 |
| MORH | 156.6 | 89 | Pn | 1:55:18.06 | -1.57 |
| | | | Sn | 55:39.60 | -0.42 |
| PKB4 | 156.9 | 77 | Pn | 1:55:20.45 | 0.78 |
| | | | Sn | 55:40.13 | 0.06 |
| PKST | 161.1 | 42 | Pn | 1:55:18.77 | -1.42 |
| | | | Sn | 55:41.69 | 0.68 |
| OBKA | 163.0 | 283 | Pn | 1:55:20.67 | 0.24 |
| | | | Sn | 55:40.78 | -0.66 |
| BLY | 166.0 | 164 | Pn | 1:55:22.97 | 2.17 |
| | | | Sn | 55:42.90 | 0.81 |
| SOP | 166.3 | 359 | Sn | 1:55:42.12 | -0.05 |
| PKB5 | 169.3 | 74 | Sn | 1:55:43.73 | 0.91 |
| RONA | 169.8 | 352 | Pn | 1:55:21.89 | 0.61 |
| | | | Sn | 55:42.84 | -0.11 |
| PKB1 | 179.8 | 68 | Pn | 1:55:23.95 | 1.42 |
| | | | Sn | 55:45.89 | 0.72 |
| CSKK | 181.3 | 44 | Pn | 1:55:24.21 | 1.50 |
| | | | Sn | 55:48.77 | 3.28 |
| PKSG | 190.5 | 45 | Pn | 1:55:25.05 | 1.19 |
| | | | Sn | 55:48.70 | 1.16 |
| PKB3 | 200.4 | 82 | Sn | 1:55:50.74 | 1.00 |
| CONA | 201.8 | 344 | Sn | 1:55:54.11 | 4.07* |
| PKS2 | 202.9 | 80 | Sn | 1:55:54.06 | 3.78 |
| PKB2 | 209.0 | 75 | Sn | 1:55:56.34 | 4.70* |
| A337 | 245.4 | 21 | Sn | 1:56:00.30 | 0.59 |

124.

2021-02-02 time: 7:57:32.43 UTC ML= 1.3
 lat: 47.333N lon: 18.479E h= 0.0 km
 erh= 2.8km erz= 4.7km
 nr= 9 gap=163 rms=0.50
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.4 | 315 | Pg | 7:57:34.36 | 0.25 |
| | | | Sg | 57:34.74 | -0.68 |
| CSKK | 16.9 | 282 | Pg | 7:57:35.71 | 0.26 |
| | | | Sg | 57:37.38 | -0.42 |
| PKST | 34.6 | 256 | Pg | 7:57:39.34 | 0.72 |
| | | | Sg | 57:42.91 | -0.53 |
| MORH | 124.8 | 174 | Sg | 7:58:12.05 | -0.05 |
| PKSM | 125.2 | 174 | Sg | 7:58:12.10 | -0.13 |
| VYHS | 131.9 | 12 | Sn | 7:58:13.26 | -0.96 |

125.

2021-02-02 time: 7:58:59.40 UTC ML= 0.8
 lat: 47.946N lon: 16.055E h= 0.0 km
 erh= 2.0km erz= 743km
 nr= 10 gap=116 rms=0.58
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 14.6 | 262 | Pg | 7:59:01.90 | -0.11 |
| | | | Sg | 59:05.02 | 0.98 |
| WINA | 18.0 | 4 | Pg | 7:59:02.94 | 0.32 |
| | | | Sg | 59:05.38 | 0.26 |
| RONA | 32.8 | 147 | Pg | 7:59:04.89 | -0.38 |
| | | | Sg | 59:09.84 | 0.00 |
| ABNA | 92.8 | 330 | Pg | 7:59:15.75 | -0.23 |
| | | | Sg | 59:27.81 | -1.10 |
| MODS | 102.6 | 62 | Sg | 7:59:33.84 | 1.82 |
| KRUC | 126.6 | 11 | Sg | 7:59:39.43 | -0.21 |

126.

2021-02-02 time: 9:13:55.37 UTC ML= 1.2
 lat: 47.306N lon: 17.607E h= 0.0 km
 erh= 1.7km erz= 2.1km
 nr= 9 gap= 99 rms=0.50
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 16.0 | 199 | Sg | 9:14:00.75 | 0.31 |
| EGYH | 24.2 | 301 | Sg | 9:14:02.71 | -0.34 |
| PKST | 32.8 | 99 | Pg | 9:14:01.98 | 0.76 |
| | | | Sg | 14:05.48 | -0.30 |
| PKSG | 60.0 | 81 | Pg | 9:14:06.29 | 0.21 |
| | | | Sg | 14:14.02 | -0.42 |
| MORH | 144.8 | 147 | Sn | 9:14:39.15 | -0.88 |
| CONA | 148.3 | 298 | Sn | 9:14:40.79 | -0.02 |
| VYHS | 160.9 | 35 | Sn | 9:14:42.91 | -0.69 |

127.

2021-02-02 time: 9:18:48.63 UTC ML= 1.5
 lat: 47.344N lon: 18.465E h= 0.0 km
 erh= 1.8km erz= 3.4km
 nr= 12 gap=115 rms=0.56
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.8 | 313 | PgU | 9:18:50.32 | 0.30 |
| | | | Sg | 18:50.95 | -0.16 |
| CSKK | 15.6 | 278 | Pg | 9:18:51.53 | 0.10 |
| | | | Sg | 18:53.53 | -0.08 |
| PKST | 33.9 | 254 | Pg | 9:18:55.04 | 0.35 |
| | | | Sg | 18:58.91 | -0.51 |
| PSZ | 125.0 | 59 | Sg | 9:19:28.33 | -0.03 |
| MORH | 126.1 | 174 | Sg | 9:19:28.43 | -0.29 |
| PKSM | 126.5 | 174 | Sg | 9:19:28.43 | -0.42 |
| VYHS | 130.9 | 12 | Pn | 9:19:12.76 | 0.77 |
| | | | Sn | 19:28.58 | -1.62 |
| MODS | 145.0 | 322 | eSn | 9:19:30.70 | -2.63 |

128.

2021-02-02 time: 10:10:57.77 UTC ML= 1.6
 lat: 48.597N lon: 20.779E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 13 gap= 92 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.1 | 240 | Pg | 10:11:02.36 | 0.10 |
| | | | Sg | 11:06.15 | 0.39 |
| ABAH | 47.8 | 135 | Pg | 10:11:06.68 | 0.38 |
| | | | Sg | 11:13.31 | 0.36 |
| NIE | 97.5 | 340 | Pg | 10:11:15.99 | 0.81 |
| | | | Sg | 11:27.84 | -0.92 |
| PSZ | 100.1 | 221 | Pg | 10:11:16.04 | 0.39 |
| | | | Sg | 11:28.47 | -1.12 |
| KOLS | 116.0 | 71 | Sg | 10:11:34.32 | -0.32 |
| TRPA | 140.4 | 112 | Pn | 10:11:21.94 | -0.36 |
| | | | Sn | 11:40.02 | -1.42 |
| VYHS | 144.0 | 265 | Pn | 10:11:23.00 | 0.25 |
| | | | Sn | 11:40.87 | -1.37 |

Hypocenter Parameters

Földrengés paraméterek

129.

2021-02-02 time: 10:59:25.67 UTC ML= 0.6
 lat: 47.233N lon: 18.274E h= 0.0 km
 erh= 1.4km erz= 192km
 nr= 6 gap=253 rms=0.11
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 14.5 | 356 | Pg | 10:59:28.36 | 0.10 |
| | | | Sg | 59:30.21 | -0.08 |
| PKST | 18.4 | 279 | Pg | 10:59:28.83 | -0.12 |
| | | | Sg | 59:31.63 | 0.11 |
| PKSG | 19.8 | 26 | Pg | 10:59:29.28 | 0.09 |
| | | | Sg | 59:31.77 | -0.18 |

130.

2021-02-02 time: 14:04:37.53 UTC ML= 2.3
 lat: 46.206N lon: 16.511E h= 8.7 km
 erh= 1.3km erz= 1.2km
 nr= 36 gap= 62 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 33.6 | 323 | Pg | 14:04:44.08 | 0.35 |
| | | | Sg | 04:48.69 | 0.12 |
| BEHE | 35.7 | 35 | Pg | 14:04:44.05 | -0.05 |
| | | | Sg | 04:48.89 | -0.33 |
| PTJ | 54.7 | 232 | Pg | 14:04:47.34 | -0.08 |
| | | | Sg | 04:54.69 | -0.44 |
| ZAG | 58.0 | 224 | Sg | 14:04:56.36 | 0.20 |
| GCIS | 78.1 | 241 | iPg | 14:04:51.94 | 0.38 |
| | | | eSg | 05:02.16 | -0.35 |
| DOBS | 80.7 | 266 | iPg | 14:04:51.91 | -0.12 |
| | | | iSg | 05:03.12 | -0.22 |
| GROS | 82.7 | 290 | Pg | 14:04:52.06 | -0.33 |
| | | | Sg | 05:03.48 | -0.50 |
| CRES | 91.9 | 243 | Pg | 14:04:54.38 | 0.36 |
| | | | Sg | 05:06.82 | -0.07 |
| PERS | 117.4 | 294 | Pn | 14:04:58.17 | 0.08 |
| | | | Sn | 05:13.92 | -0.20 |
| KOVH | 123.4 | 96 | Pn | 14:04:57.26 | -1.58 |
| | | | Sn | 05:13.60 | -1.85 |
| SOKA | 125.2 | 295 | Pn | 14:04:58.87 | -0.19 |
| | | | Sn | 05:15.76 | -0.08 |
| MPLH | 133.0 | 36 | Pn | 14:05:00.00 | -0.03 |
| PKSV | 139.3 | 105 | Pn | 14:04:59.73 | -1.08 |
| | | | Sn | 05:17.38 | -1.59 |
| OBKA | 154.8 | 283 | Pn | 14:05:02.39 | -0.36 |
| | | | Sn | 05:22.36 | -0.05 |
| PKB4 | 164.3 | 79 | Sn | 14:05:24.88 | 0.36 |
| MORH | 164.6 | 90 | Sn | 14:05:25.57 | 0.98 |
| PKST | 165.1 | 45 | Pn | 14:05:05.16 | 1.13 |
| | | | Sn | 05:25.34 | 0.63 |
| RONA | 166.9 | 354 | Pn | 14:05:05.71 | 1.45 |
| | | | Sn | 05:25.86 | 0.76 |
| BLY | 170.3 | 162 | Pn | 14:05:05.82 | 1.14 |
| | | | Sn | 05:26.70 | 0.85 |
| MOA | 250.1 | 317 | Pn | 14:05:15.35 | 0.72 |
| | | | Sn | 05:42.98 | -0.58 |

131.

2021-02-02 time: 19:37:45.62 UTC ML= 1.5
 lat: 48.249N lon: 17.449E h= 10.3 km
 erh= 2.8km erz= 2.4km
 nr= 17 gap= 78 rms=0.97
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| MODS | 18.8 | 317 | PgU | 19:37:49.43 | -0.02 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 37:51.49 | -0.95 |
| SMOL | 29.5 | 357 | Pg | 19:37:51.27 | 0.08 |
| | | | Sg | 37:54.15 | -1.39 |
| EGYH | 92.9 | 185 | Sg | 19:38:16.31 | 0.97 |
| | | | P* | 19:38:04.34 | 0.20 |
| WINA | 103.5 | 261 | S* | 38:16.54 | -2.05 |
| | | | S* | 19:38:18.12 | -1.02 |
| RONA | 105.5 | 235 | S* | 19:38:05.15 | 0.58 |
| | | | S* | 38:17.70 | -1.66 |
| VYHS | 106.3 | 75 | Sn | 19:38:22.02 | 0.54 |
| | | | Pn | 19:38:07.56 | 1.38 |
| | | | Sn | 38:21.67 | -0.55 |
| MPLH | 120.2 | 177 | Sn | 19:38:21.78 | -0.68 |
| CONA | 123.5 | 253 | Sn | 19:38:22.87 | -0.32 |
| ABNA | 156.3 | 287 | Pn | 19:38:12.53 | 1.72 |
| | | | Sn | 38:31.46 | 0.99 |

132.

2021-02-02 time: 22:47:52.10 UTC ML= 0.9
 lat: 47.893N lon: 16.326E h= 13.3 km
 erh= 2.1km erz= 1.8km
 nr= 9 gap=181 rms=0.31
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.6 | 186 | PgD | 22:47:56.89 | 0.27 |
| | | | Sg | 47:59.89 | -0.25 |
| SOP | 29.0 | 143 | Sg | 22:48:02.07 | -0.17 |
| WINA | 30.5 | 322 | Pg | 22:47:58.22 | 0.19 |
| | | | Sg | 48:02.23 | -0.43 |
| CONA | 35.0 | 277 | Pg | 22:47:58.93 | 0.16 |
| | | | Sg | 48:03.80 | -0.18 |
| ABNA | 109.0 | 323 | Pn | 22:48:11.15 | 0.13 |
| | | | Sn | 48:24.21 | -1.57 |

133.

2021-02-02 time: 23:18:28.61 UTC ML= 0.9
 lat: 46.013N lon: 17.884E h= 11.9 km
 erh= 2.5km erz= 2.8km
 nr= 8 gap=290 rms=0.24
 Locality: Rózsafa
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 18.7 | 63 | Pg | 23:18:32.38 | -0.18 |
| | | | Sg | 18:35.86 | 0.22 |
| PKSV | 31.7 | 116 | Sg | 23:18:39.46 | 0.09 |
| PKSM | 62.6 | 69 | Pg | 23:18:40.06 | 0.08 |
| | | | Sg | 18:48.42 | -0.43 |
| MORH | 62.9 | 69 | Pg | 23:18:40.18 | 0.14 |
| | | | Sg | 18:48.56 | -0.40 |
| PKB4 | 77.2 | 46 | Sg | 23:18:53.82 | 0.38 |

134.

2021-02-03 time: 10:41:35.04 UTC ML= 1.9
 lat: 48.899N lon: 21.060E h= 0.0 km
 erh= 3.1km erz= 3.9km
 nr= 12 gap=119 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 62.7 | 222 | Sg | 10:41:53.97 | -0.98 |
| ABAH | 68.3 | 169 | Pg | 10:41:48.09 | 0.85 |
| | | | Sg | 41:56.03 | -0.73 |
| NIE | 79.4 | 317 | Pg | 10:41:48.35 | -0.88 |
| | | | Sg | 41:59.54 | -0.75 |
| KOLS | 89.0 | 88 | Sg | 10:42:03.21 | -0.12 |
| LANS | 119.8 | 284 | Pg | 10:41:57.63 | 1.20 |
| TRPA | 138.7 | 128 | Pn | 10:41:59.39 | 0.02 |
| | | | Sn | 42:16.61 | -1.74 |

Földrengés paraméterek

PSZ 139.0 218 Sn 10:42:18.07 -0.35
 OJC 172.9 328 Pn 10:42:04.56 0.92
 BSZH 187.4 198 Sn 10:42:30.82 1.67

135.

2021-02-03 time: 11:00:03.23 UTC ML= 1.8
 lat: 48.139N lon: 16.916E h= 0.0 km
 erh= 4.6km erz= 861km
 nr= 7 gap=178 rms=0.57
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.4 | 46 | Pg | 11:00:10.09 | 0.17 |
| | | | Sg | 00:14.48 | -0.65 |
| RONA | 67.3 | 224 | Pg | 11:00:15.15 | -0.10 |
| CONA | 82.1 | 253 | Pg | 11:00:18.11 | 0.23 |
| | | | Sg | 00:28.83 | -0.48 |
| KRUC | 109.6 | 339 | Pg | 11:00:23.42 | 0.62 |
| | | | Sg | 00:35.37 | -2.70 |

136.

2021-02-04 time: 10:17:01.26 UTC ML= 1.5
 lat: 48.626N lon: 20.692E h= 0.0 km
 erh= 3.2km erz= 5.3km
 nr= 8 gap=150 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.0 | 224 | Pg | 10:17:05.87 | 0.68 |
| | | | Sg | 17:08.41 | 0.15 |
| ABAH | 54.6 | 132 | Pg | 10:17:10.33 | -0.68 |
| | | | Sg | 17:19.81 | 1.19 |
| NIE | 92.4 | 343 | Pg | 10:17:18.13 | 0.37 |
| PSZ | 98.5 | 217 | Sg | 10:17:31.78 | -0.79 |
| VYHS | 137.8 | 264 | Pn | 10:17:25.33 | -0.14 |
| | | | Sn | 17:42.61 | -1.75 |

137.

2021-02-04 time: 11:00:03.83 UTC ML= 1.4
 lat: 48.164N lon: 16.942E h= 0.0 km
 erh= 5.9km erz= 7.0km
 nr= 11 gap=122 rms=1.80
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 34.1 | 47 | Pg | 11:00:10.64 | 0.73 |
| | | | Sg | 00:15.08 | 0.42 |
| RONA | 70.7 | 223 | Sg | 11:00:25.25 | -1.05 |
| CONA | 84.7 | 252 | Sg | 11:00:29.28 | -1.49 |
| PKST | 129.8 | 141 | Pg | 11:00:26.87 | -0.13 |
| | | | Sg | 00:43.29 | -1.79 |
| VYHS | 145.1 | 75 | Sn | 11:00:47.32 | -1.24 |
| MORC | 184.6 | 14 | Sn | 11:00:57.50 | 0.17 |
| SOKA | 219.3 | 221 | Pn | 11:01:07.32 | 29.12 |
| | | | Sn | 01:09.03 | 4.02 |
| OBKA | 258.0 | 225 | Sn | 11:01:20.74 | 7.12 |

138.

2021-02-04 time: 11:41:54.94 UTC ML= 1.5
 lat: 46.069N lon: 22.083E h= 0.0 km
 erh= 2.9km erz= 6.3km
 nr= 9 gap= 87 rms=0.74
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| SIRR | 39.4 | 304 | Pg | 11:42:02.89 | 0.91 |

Hypocenter Parameters

BZS 62.0 216 Sg 42:06.76 -0.71
 Pg 11:42:06.76 0.75
 Sg 42:13.47 -1.17
 GZR 92.5 144 Pg 11:42:11.85 0.39
 Sg 42:23.91 -0.43
 DRGR 93.7 31 Sg 11:42:23.86 -0.86
 BANR 106.2 224 Sg 11:42:27.83 -0.85
 CJR 136.8 58 Sn 11:42:37.57 -0.24

139.

2021-02-04 time: 13:05:43.33 UTC ML= 1.4
 lat: 47.878N lon: 16.073E h= 0.0 km
 erh= 3.5km erz= 4.2km
 nr= 12 gap=108 rms=1.13
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.8 | 290 | Pg | 13:05:45.94 | -0.38 |
| | | | Sg | 05:49.06 | 0.40 |
| WINA | 25.5 | 0 | Pg | 13:05:49.03 | 1.15 |
| | | | Sg | 05:53.71 | 2.27 |
| RONA | 25.9 | 140 | PgU | 13:05:48.06 | 0.10 |
| | | | Sg | 05:52.09 | 0.51 |
| EGYH | 107.6 | 118 | Sg | 13:06:16.97 | -0.55 |
| KRUC | 133.8 | 10 | Pn | 13:06:06.29 | -0.76 |
| | | | Sn | 06:22.72 | -2.82 |
| MOA | 135.2 | 269 | Pn | 13:06:07.63 | 0.40 |
| | | | Sn | 06:23.03 | -2.84 |
| GROS | 163.4 | 195 | Sn | 13:06:32.99 | 0.88 |

140.

2021-02-05 time: 3:30:41.49 UTC ML= 2.9
 lat: 46.178N lon: 16.543E h= 8.4 km
 erh= 2.0km erz= 1.9km
 nr= 72 gap= 65 rms=1.17
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 37.1 | 29 | PgD | 3:30:48.26 | -0.02 |
| | | | Sg | 30:53.08 | -0.50 |
| KOGS | 37.6 | 323 | Pg | 3:30:48.71 | 0.34 |
| | | | Sg | 30:53.85 | 0.12 |
| PTJ | 54.8 | 236 | PgD | 3:30:51.40 | 0.01 |
| | | | Sg | 30:58.88 | -0.24 |
| ZAG | 57.6 | 228 | PgD | 3:30:52.50 | 0.62 |
| GOLS | 73.4 | 255 | iPgD | 3:30:54.78 | 0.09 |
| | | | eSg | 31:05.30 | 0.32 |
| GCIS | 78.9 | 244 | iPgD | 3:30:55.58 | -0.07 |
| DOBS | 83.0 | 268 | iPgD | 3:30:56.20 | -0.19 |
| | | | eSg | 31:08.00 | -0.01 |
| GROS | 86.2 | 291 | Pg | 3:30:56.50 | -0.45 |
| | | | Sg | 31:08.26 | -0.75 |
| CESS | 86.6 | 255 | iPg | 3:30:57.04 | 0.02 |
| | | | eSg | 31:09.00 | -0.14 |
| CRES | 92.8 | 245 | Pg | 3:30:58.31 | 0.18 |
| | | | Sg | 31:10.37 | -0.74 |
| LEGS | 98.2 | 255 | iPg | 3:30:58.70 | -0.39 |
| | | | eSg | 31:11.99 | -0.82 |
| PKKS | 120.2 | 264 | iPnD | 3:31:02.34 | -0.09 |
| ZAVS | 120.4 | 284 | iPn | 3:31:02.21 | -0.25 |
| KOVH | 120.7 | 95 | Pn | 3:31:00.79 | -1.71 |
| | | | Sn | 31:14.69 | -4.20 |
| PERS | 120.9 | 295 | Pn | 3:31:02.35 | -0.18 |
| | | | Sn | 31:18.15 | -0.79 |
| SOKA | 128.7 | 296 | Pn | 3:31:03.02 | -0.48 |
| | | | Sn | 31:20.42 | -0.25 |
| TIH | 131.0 | 52 | Pn | 3:31:02.24 | -1.55 |
| MPLH | 134.1 | 35 | Pn | 3:31:02.83 | -1.34 |
| PKSV | 136.2 | 104 | Pn | 3:31:02.72 | -1.71 |
| VISS | 138.4 | 252 | iPnC | 3:31:04.68 | -0.03 |
| PKS9 | 141.1 | 71 | Pn | 3:31:03.22 | -1.82 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|------------|--------|
| EGYH | 150.4 | 24 | Pn | 3:31:05.37 | -0.83 |
| OBKA | 157.9 | 283 | Pn | 3:31:07.17 | 0.03 |
| | | | Sn | 31:26.91 | -0.23 |
| PKSM | 162.0 | 89 | Pn | 3:31:05.66 | -1.99 |
| MORH | 162.2 | 89 | Pn | 3:31:05.71 | -1.97 |
| PKB4 | 162.6 | 77 | Pn | 3:31:08.51 | 0.79 |
| PKST | 165.7 | 43 | Pn | 3:31:09.01 | 0.90 |
| BLY | 166.5 | 162 | Pn | 3:31:10.12 | 1.91 |
| | | | Sn | 31:27.85 | -1.21 |
| SOP | 167.4 | 0 | Sn | 3:31:29.00 | -0.24 |
| RONA | 170.2 | 354 | Pn | 3:31:10.37 | 1.70 |
| | | | Sn | 31:29.93 | 0.05 |
| PKB5 | 174.9 | 75 | Pn | 3:31:10.12 | 0.86 |
| PNNH | 178.8 | 31 | Pn | 3:31:11.56 | 1.81 |
| PKB1 | 185.4 | 69 | Pn | 3:31:11.74 | 1.17 |
| CSKK | 185.9 | 45 | Pn | 3:31:11.99 | 1.36 |
| PKSG | 195.2 | 46 | Pn | 3:31:13.61 | 1.82 |
| CONA | 201.4 | 345 | Pn | 3:31:12.89 | 0.33 |
| | | | Sn | 31:41.25 | 4.46 |
| PKB3 | 206.1 | 82 | Pn | 3:31:16.16 | 3.01 |
| PKS2 | 208.5 | 80 | Pn | 3:31:16.84 | 3.39 |
| PKB2 | 214.7 | 75 | Pn | 3:31:17.40 | 3.18 |
| WINA | 217.5 | 351 | Pn | 3:31:14.77 | 0.21 |
| | | | Sn | 31:41.47 | 1.11 |
| PKS7 | 222.6 | 64 | Pn | 3:31:18.46 | 3.25 |
| MYKA | 228.7 | 283 | Pn | 3:31:18.02 | 2.05 |
| | | | Sn | 31:42.17 | -0.69 |
| PKS6 | 237.1 | 79 | Pn | 3:31:21.07 | 4.06 |
| BUD | 238.5 | 53 | Pn | 3:31:20.26 | 3.07 |
| A338 | 246.2 | 34 | Pn | 3:31:22.38 | 4.24 |
| MODS | 250.4 | 13 | Pn | 3:31:17.61 | -1.06 |
| MOA | 254.0 | 317 | Pn | 3:31:20.22 | 1.10 |
| | | | Sn | 31:48.01 | -0.46 |
| SMOL | 268.2 | 14 | Pn | 3:31:19.81 | -1.08 |
| BIOA | 277.9 | 307 | Pn | 3:31:23.38 | 1.28 |
| | | | Sn | 31:53.68 | -0.10 |
| FRGS | 279.8 | 114 | Pn | 3:31:20.91 | -1.42 |
| ABNA | 289.5 | 343 | Pn | 3:31:24.28 | 0.73 |
| | | | Sn | 31:54.94 | -1.41* |
| VYHS | 310.4 | 34 | Pn | 3:31:24.84 | -1.31* |
| ABTA | 316.0 | 282 | Pn | 3:31:28.82 | 1.96* |
| | | | Sn | 32:00.54 | -1.70* |
| KRUC | 320.8 | 358 | Pn | 3:31:26.83 | -0.62* |
| LESA | 326.1 | 295 | Pn | 3:31:28.93 | 0.83* |
| | | | Sn | 32:03.28 | -1.18* |
| BBLS | 342.0 | 139 | Pn | 3:31:29.47 | -0.62* |
| VRAC | 348.1 | 1 | PnC | 3:31:29.01 | -1.84* |
| SIRR | 394.9 | 89 | PnC | 3:31:35.01 | -1.68* |
| LANS | 396.9 | 34 | Pn | 3:31:36.00 | -0.93* |
| BZS | 398.7 | 99 | Pn | 3:31:35.51 | -1.65* |
| ZVC | 403.1 | 334 | ePn | 3:31:38.20 | 0.49* |
| | | | eSn | 32:18.40 | -3.16* |
| MORC | 407.1 | 11 | Pn | 3:31:37.90 | -0.31* |
| MDVR | 433.0 | 111 | PnC | 3:31:40.12 | -1.32* |
| GZR | 492.5 | 100 | PnC | 3:31:47.19 | -1.67* |
| BLKB | 561.4 | 120 | PnC | 3:31:55.71 | -1.74* |

141.

2021-02-05 time: 8:36:21.03 UTC ML= 1.2
 lat: 48.053N lon: 20.741E h= 0.0 km
 erh= 5.9km erz= 6.0km
 nr= 8 gap=170 rms=1.08
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 45.9 | 54 | Pg | 8:36:30.89 | 1.66 |
| | | | Sg | 36:35.75 | 0.13 |
| KECS | 51.5 | 338 | Pg | 8:36:30.74 | 0.52 |
| | | | Sg | 36:36.20 | -1.18 |
| PSZ | 64.9 | 257 | Pg | 8:36:31.70 | -0.92 |
| | | | Sg | 36:41.54 | -0.12 |
| TRPA | 134.3 | 86 | Sn | 8:37:01.31 | -2.03 |
| VYHS | 149.6 | 289 | Sn | 8:37:07.33 | 0.57 |

Földrengés paraméterek

142.

2021-02-05 time: 9:48:27.61 UTC ML= 1.5
 lat: 47.067N lon: 18.050E h= 0.0 km
 erh= 1.4km erz= 2.9km
 nr= 17 gap=111 rms=0.51
 Locality: Balatonfüzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 21.4 | 357 | Pg | 9:48:30.62 | -0.81 |
| | | | Sg | 48:33.94 | -0.47 |
| TIH | 22.1 | 213 | Pg | 9:48:32.03 | 0.48 |
| | | | Sg | 48:34.84 | 0.22 |
| CSKK | 36.6 | 26 | Pg | 9:48:34.66 | 0.52 |
| | | | Sg | 48:39.08 | -0.16 |
| MPLH | 40.4 | 287 | Sg | 9:48:40.06 | -0.38 |
| PKSG | 44.4 | 36 | Sg | 9:48:41.57 | -0.15 |
| PKB4 | 76.3 | 146 | Sg | 9:48:51.74 | -0.11 |
| MORH | 105.0 | 154 | Pg | 9:48:46.79 | 0.43 |
| | | | Sg | 49:00.42 | -0.56 |
| PKSM | 105.3 | 155 | Pg | 9:48:46.63 | 0.22 |
| | | | Sg | 49:00.59 | -0.49 |
| KOVH | 108.9 | 178 | Pg | 9:48:47.29 | 0.24 |
| | | | Sg | 49:01.55 | -0.66 |
| PKSV | 131.9 | 173 | Sn | 9:49:08.56 | -0.85 |
| VYHS | 169.3 | 20 | Pn | 9:48:56.81 | 1.06 |

143.

2021-02-05 time: 10:12:27.96 UTC ML= 0.6
 lat: 47.191N lon: 18.291E h= 0.0 km
 erh= 2.6km erz= 610km
 nr= 6 gap=168 rms=0.35
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 19.3 | 353 | Pg | 10:12:31.91 | 0.51 |
| | | | Sg | 12:33.56 | -0.53 |
| PKST | 20.9 | 291 | Pg | 10:12:31.81 | 0.12 |
| | | | Sg | 12:34.42 | -0.18 |
| PKSG | 23.6 | 19 | Sg | 10:12:35.22 | -0.23 |
| KOVH | 123.4 | 187 | Sg | 10:13:06.85 | -0.35 |

144.

2021-02-05 time: 10:22:49.85 UTC ML= 1.1
 lat: 48.214N lon: 18.756E h= 0.0 km
 erh= 3.4km erz= 5.8km
 nr= 8 gap=174 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 31.7 | 11 | Pg | 10:22:56.08 | 0.57 |
| | | | Sg | 23:00.50 | 0.57 |
| PENC | 61.3 | 140 | Sg | 10:23:09.64 | 0.32 |
| PSZ | 91.0 | 111 | Pg | 10:23:06.86 | 0.76 |
| | | | Sg | 23:18.27 | -0.50 |
| PKSG | 95.4 | 197 | Sg | 10:23:18.96 | -1.21 |
| LANS | 116.6 | 27 | Sg | 10:23:26.09 | -0.82 |
| KECS | 131.7 | 77 | Sn | 10:23:29.76 | -1.83 |

145.

2021-02-05 time: 12:35:44.30 UTC ML= 2.0
 lat: 46.144N lon: 16.374E h= 0.0 km
 erh= 3.2km erz= 6.9km
 nr= 13 gap=137 rms=0.96
 Locality: Croatia
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 35.1 | 344 | Pg | 12:35:52.12 | 1.55 |
| | | | Sg | 35:55.33 | -0.13 |
| PTJ | 42.1 | 230 | Sg | 12:35:57.45 | -0.24 |
| BEHE | 47.6 | 40 | Sg | 12:35:59.46 | 0.02 |
| GROS | 75.9 | 298 | Pg | 12:35:58.85 | 1.01 |
| | | | Sg | 36:06.89 | -1.52 |
| CRES | 79.4 | 244 | Pg | 12:35:59.30 | 0.83 |
| | | | Sg | 36:08.69 | -0.84 |
| PERS | 111.1 | 299 | Pg | 12:36:04.17 | 0.04 |
| | | | Sg | 36:19.08 | -0.53 |
| SOKA | 119.0 | 300 | Pg | 12:36:05.23 | -0.32 |
| | | | Sg | 36:20.83 | -1.29 |
| KOVH | 133.5 | 93 | Sn | 12:36:24.25 | -2.21 |

146.

2021-02-05 time: 13:41:10.98 UTC ML= 1.7
 lat: 46.853N lon: 22.795E h= 0.0 km
 erh= 7.4km erz= 5.1km
 nr= 12 gap=192 rms=0.76
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 9.4 | 223 | Pg | 13:41:12.70 | 0.04 |
| | | | Sg | 41:14.87 | 0.91 |
| SIRR | 108.7 | 233 | Pg | 13:41:29.68 | -0.72 |
| | | | Sg | 41:44.83 | -0.71 |
| GZR | 162.3 | 181 | Pn | 13:41:38.82 | 0.57 |
| | | | Sn | 41:58.81 | -0.71 |
| BZS | 164.8 | 213 | Pn | 13:41:39.87 | 1.31 |
| | | | Sn | 41:58.99 | -1.09 |
| BURA | 202.0 | 65 | PnC | 13:41:43.44 | 0.23 |
| | | | Sn | 42:06.80 | -1.54 |
| VOIR | 234.8 | 132 | Pn | 13:41:47.65 | 0.36 |
| | | | Sn | 42:15.77 | 0.16 |

147.

2021-02-06 time: 5:02:22.20 UTC ML= 0.3
 lat: 47.396N lon: 18.279E h= 8.0 km
 erh= 1.0km erz= 1.1km
 nr= 6 gap=159 rms=0.09
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 3.9 | 201 | Pg | 5:02:23.96 | 0.17 |
| | | | Sg | 02:24.89 | -0.14 |
| PKSG | 8.4 | 93 | Pg | 5:02:24.25 | -0.02 |
| | | | Sg | 02:25.82 | -0.07 |
| PKST | 24.0 | 230 | Pg | 5:02:26.69 | -0.02 |
| PNNH | 42.7 | 294 | Sg | 5:02:36.00 | -0.02 |

148.

2021-02-06 time: 9:30:08.28 UTC ML= 1.2
 lat: 48.091N lon: 19.601E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 7 gap= 93 rms=0.89
 Locality: Magyargéc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 29.1 | 131 | Pg | 9:30:13.85 | 0.37 |
| | | | Sg | 30:16.46 | -1.07 |
| PENC | 41.1 | 216 | Pg | 9:30:15.97 | 0.35 |
| | | | Sg | 30:21.10 | -0.24 |
| VYHS | 72.3 | 308 | Sg | 9:30:32.33 | 1.06 |
| LANS | 118.2 | 355 | Sg | 9:30:42.97 | -2.88 |
| ABAH | 123.9 | 79 | Sg | 9:30:47.79 | 0.13 |

149.

2021-02-06 time: 20:22:06.41 UTC ML= 0.8
 lat: 48.663N lon: 20.283E h= 15.5 km
 erh= 3.0km erz= 2.5km
 nr= 9 gap=118 rms=0.57
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.0 | 143 | Pg | 20:22:11.76 | 0.10 |
| | | | Sg | 22:15.30 | -0.45 |
| LANS | 80.7 | 312 | eP* | 20:22:21.90 | 0.92 |
| | | | eS* | 22:35.60 | 3.26* |
| ABAH | 81.6 | 120 | S* | 20:22:32.95 | 0.35 |
| NIE | 84.1 | 2 | S* | 20:22:32.40 | -0.86 |
| PSZ | 87.7 | 199 | P* | 20:22:22.31 | 0.27 |
| | | | S* | 22:33.51 | -0.72 |
| VYHS | 108.4 | 260 | Sn | 20:22:38.91 | -0.55 |

150.

2021-02-07 time: 9:06:45.49 UTC ML= 3.0
 lat: 45.589N lon: 16.078E h= 7.7 km
 erh= 1.6km erz= 1.4km
 nr= 43 gap=125 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 27.5 | 346 | Pg | 9:06:50.95 | 0.36 |
| | | | Sg | 06:54.91 | 0.34 |
| PTJ | 35.8 | 345 | Pg | 9:06:52.08 | 0.04 |
| | | | Sg | 06:56.84 | -0.30 |
| GCIS | 46.8 | 311 | iPgC | 9:06:54.26 | 0.30 |
| | | | iSg | 07:01.54 | 0.98 |
| CRES | 55.1 | 299 | Pg | 9:06:55.46 | 0.03 |
| | | | Sg | 07:01.26 | -1.92 |
| GOLS | 58.7 | 323 | iPgC | 9:06:56.14 | 0.08 |
| | | | eSg | 07:05.55 | 1.24 |
| CESS | 64.2 | 312 | iPg | 9:06:57.61 | 0.58 |
| BOJS | 65.2 | 262 | iPg | 9:06:57.31 | 0.09 |
| | | | eSg | 07:04.99 | -1.37 |
| LEGS | 71.4 | 304 | iPgC | 9:06:58.17 | -0.15 |
| | | | eSg | 07:09.29 | 0.96 |
| DOBS | 78.2 | 323 | iPgC | 9:06:59.53 | 0.00 |
| KOGS | 96.5 | 8 | Pg | 9:07:02.80 | 0.03 |
| | | | Sg | 07:14.85 | -1.40 |
| PDKS | 99.0 | 302 | iPg | 9:07:02.88 | -0.35 |
| | | | eSg | 07:17.01 | -0.05 |
| VISS | 99.4 | 284 | iPg | 9:07:02.99 | -0.30 |
| | | | eSg | 07:15.15 | -2.03 |
| GROS | 106.7 | 335 | Pg | 9:07:03.74 | -0.86 |
| | | | Sg | 07:17.00 | -2.51 |
| BEHE | 111.9 | 29 | Pn | 9:07:05.90 | 0.42 |
| | | | Sn | 07:19.38 | -1.70 |
| VNDS | 121.2 | 298 | iPn | 9:07:07.17 | 0.52 |
| BLY | 127.5 | 137 | Pn | 9:07:07.58 | 0.14 |
| | | | Sn | 07:24.14 | -0.42 |
| PERS | 138.1 | 327 | Pn | 9:07:08.75 | -0.01 |
| | | | Sn | 07:25.93 | -0.98 |
| SOKA | 145.6 | 326 | Pn | 9:07:09.97 | 0.28 |
| | | | Sn | 07:27.74 | -0.82 |
| OBKA | 156.5 | 311 | Pn | 9:07:11.88 | 0.84 |
| KOVH | 166.6 | 71 | Pn | 9:07:11.72 | -0.59 |
| | | | Sn | 07:33.33 | 0.11 |
| PKSV | 172.4 | 79 | Pn | 9:07:13.58 | 0.54 |
| MYKA | 221.1 | 302 | Pn | 9:07:19.85 | 0.75 |
| RONA | 235.3 | 4 | Pn | 9:07:20.96 | 0.09 |
| CONA | 260.6 | 356 | Pn | 9:07:24.12 | 0.09 |
| KBA | 267.8 | 308 | Pn | 9:07:25.68 | 0.75 |
| MOA | 287.0 | 331 | Pn | 9:07:27.80 | 0.48 |
| | | | Sn | 07:59.94 | -0.01 |
| BIOA | 299.2 | 321 | Pn | 9:07:29.73 | 0.88* |
| LESA | 331.4 | 308 | Pn | 9:07:34.19 | 1.34* |

Hypocenter Parameters

ABNA 346.1 352 Pn 9:07:35.47 0.78*
 WTTA 388.9 299 Pn 9:07:40.61 0.58*

151.

2021-02-07 time: 9:10:29.78 UTC ML= 2.9
 lat: 45.590N lon: 16.096E h= 6.8 km
 erh= 1.4km erz= 1.3km
 nr= 46 gap=124 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| ZAG | 27.8 | 343 | PgU | 9:10:35.58 | 0.70 |
| | | | Sg | 10:39.59 | 0.73 |
| PTJ | 36.1 | 343 | Pg | 9:10:36.47 | 0.13 |
| | | | Sg | 10:41.14 | -0.32 |
| GCIS | 47.8 | 310 | iPgC | 9:10:38.90 | 0.51 |
| CRES | 56.3 | 298 | Pg | 9:10:40.02 | 0.12 |
| | | | Sg | 10:47.19 | -0.61 |
| GOLS | 59.5 | 322 | iPg | 9:10:40.60 | 0.14 |
| BOJS | 66.6 | 262 | iPg | 9:10:41.95 | 0.21 |
| | | | iSg | 10:49.94 | -1.13 |
| LEGS | 72.5 | 303 | iPg | 9:10:42.89 | 0.10 |
| DOBS | 79.0 | 322 | iPgC | 9:10:44.14 | 0.20 |
| | | | eSg | 10:54.12 | -0.86 |
| KOGS | 96.1 | 7 | Pg | 9:10:47.10 | 0.11 |
| | | | Sg | 11:00.05 | -0.37 |
| PDKS | 100.2 | 302 | iPg | 9:10:47.64 | -0.06 |
| | | | eSg | 11:01.48 | -0.21 |
| VISS | 100.7 | 284 | iPg | 9:10:47.59 | -0.22 |
| | | | eSg | 10:59.66 | -2.21 |
| GROS | 107.2 | 335 | Pg | 9:10:48.69 | -0.27 |
| | | | Sg | 11:01.83 | -2.10 |
| BEHE | 111.1 | 28 | Pg | 9:10:49.40 | -0.25 |
| BLY | 126.7 | 138 | Pn | 9:10:51.39 | -0.35 |
| | | | Sn | 11:07.60 | -1.27 |
| PERS | 138.8 | 327 | Pn | 9:10:53.51 | 0.26 |
| | | | Sn | 11:10.30 | -1.25 |
| SOKA | 146.2 | 326 | Pn | 9:10:54.40 | 0.22 |
| | | | Sn | 11:12.69 | -0.52 |
| OBKA | 157.4 | 310 | Pn | 9:10:56.00 | 0.42 |
| KOVH | 165.2 | 70 | Pn | 9:10:56.25 | -0.30 |
| | | | Sn | 11:17.48 | 0.06 |
| PKSV | 171.0 | 79 | Pn | 9:10:56.67 | -0.60 |
| | | | Sn | 11:19.45 | 0.73 |
| TRI | 182.3 | 274 | Pn | 9:11:00.36 | 1.69 |
| | | | Sn | 11:22.12 | 0.91 |
| PKSM | 209.3 | 71 | Pn | 9:11:01.46 | -0.58 |
| MORH | 209.6 | 71 | Pn | 9:11:05.79 | 3.71* |
| MYKA | 222.2 | 301 | Pn | 9:11:03.79 | 0.14 |
| RONA | 235.0 | 4 | Pn | 9:11:06.19 | 0.94 |
| SOP | 235.4 | 9 | Pn | 9:11:06.26 | 0.96 |
| CONA | 260.6 | 356 | Pn | 9:11:09.71 | 1.27 |
| PKSG | 266.8 | 41 | Pn | 9:11:08.85 | -0.35 |
| KBA | 268.8 | 308 | Pn | 9:11:10.02 | 0.56 |
| WINA | 279.9 | 360 | Pn | 9:11:11.63 | 0.79 |
| | | | Sn | 11:42.24 | -0.63 |
| MOA | 287.5 | 331 | Pn | 9:11:12.42 | 0.62 |
| | | | Sn | 11:44.23 | -0.34 |
| BIOA | 300.0 | 321 | Pn | 9:11:13.72 | 0.37* |
| | | | Sn | 11:46.56 | -0.78* |
| ABTA | 305.2 | 295 | Pn | 9:11:14.67 | 0.67* |
| MODS | 322.3 | 16 | Pn | 9:11:16.14 | 0.01* |
| LESA | 332.4 | 308 | Pn | 9:11:18.24 | 0.85* |
| | | | Sn | 11:55.31 | 0.79* |
| ABNA | 346.2 | 352 | Pn | 9:11:20.05 | 0.94* |
| | | | Sn | 11:55.84 | -1.74* |
| VYHS | 384.2 | 33 | ePn | 9:11:23.70 | -0.15* |
| | | | eSn | 12:01.30 | -4.72* |
| WTTA | 390.1 | 298 | Pn | 9:11:25.98 | 1.40* |
| | | | Sn | 12:07.98 | 0.65* |
| FETA | 443.0 | 291 | Pn | 9:11:32.87 | 1.68* |
| RETA | 460.3 | 297 | Pn | 9:11:34.48 | 1.14* |

Földrengés paraméterek

152.

2021-02-07 time: 15:06:19.46 UTC ML= 0.9
 lat: 45.776N lon: 18.063E h= 17.6 km
 erh= 1.6km erz= 0.5km
 nr= 8 gap=315 rms=0.13
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 19.3 | 50 | Pg | 15:06:24.06 | -0.06 |
| | | | Sg | 06:27.83 | 0.08 |
| KOVH | 34.9 | 5 | Pg | 15:06:26.42 | -0.01 |
| | | | Sg | 06:31.94 | 0.08 |
| PKSM | 66.0 | 43 | P* | 15:06:31.81 | 0.21 |
| | | | S* | 06:41.08 | 0.01 |
| MORH | 66.5 | 43 | P* | 15:06:31.44 | -0.23 |
| | | | S* | 06:41.18 | -0.02 |

153.

2021-02-07 time: 15:07:07.61 UTC ML= 1.2
 lat: 45.770N lon: 18.073E h= 12.1 km
 erh= 4.9km erz= 5.1km
 nr= 8 gap=317 rms=0.40
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 19.2 | 47 | Pg | 15:07:11.76 | 0.11 |
| | | | Sg | 07:15.38 | 0.57 |
| KOVH | 35.5 | 3 | Pg | 15:07:14.05 | -0.24 |
| | | | Sg | 07:19.49 | -0.02 |
| PKSM | 66.0 | 42 | Pg | 15:07:19.24 | -0.34 |
| | | | Sg | 07:28.61 | -0.32 |
| MORH | 66.5 | 42 | Pg | 15:07:19.37 | -0.30 |
| PKS9 | 92.2 | 10 | Pg | 15:07:25.02 | 0.81 |

154.

2021-02-07 time: 15:30:31.81 UTC ML= 1.7
 lat: 45.729N lon: 18.020E h= 8.5 km
 erh= 4.2km erz= 8.4km
 nr= 12 gap=323 rms=0.48
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 25.3 | 46 | Pg | 15:30:36.74 | 0.16 |
| | | | Sg | 30:40.56 | 0.26 |
| KOVH | 40.4 | 9 | Pg | 15:30:39.01 | -0.18 |
| | | | Sg | 30:44.43 | -0.51 |
| PKSM | 72.1 | 42 | Pg | 15:30:44.23 | -0.55 |
| | | | Sg | 30:53.72 | -1.17 |
| MORH | 72.6 | 42 | Pg | 15:30:44.42 | -0.44 |
| | | | Sg | 30:55.87 | 0.83 |
| PKB4 | 96.5 | 28 | Pg | 15:30:49.75 | 0.64 |
| | | | Sg | 31:03.00 | 0.40 |
| PKS9 | 97.4 | 12 | Pg | 15:30:49.39 | 0.11 |
| | | | Sg | 31:03.30 | 0.40 |

155.

2021-02-07 time: 18:39:13.40 UTC ML= 1.5
 lat: 45.701N lon: 18.080E h= 10.9 km
 erh= 4.3km erz= 2.7km
 nr= 13 gap=176 rms=0.53
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 24.8 | 33 | Pg | 18:39:18.77 | 0.53 |
| | | | Sg | 39:22.49 | 0.48 |
| KOVH | 43.1 | 2 | PgD | 18:39:21.13 | -0.20 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|-------------|-------|
| | | | Sg | 39:26.30 | -1.22 |
| PKSM | 71.5 | 38 | PgD | 18:39:26.26 | -0.07 |
| | | | Sg | 39:35.94 | -0.46 |
| MORH | 72.0 | 37 | PgD | 18:39:26.33 | -0.08 |
| | | | Sg | 39:35.84 | -0.72 |
| PKB4 | 97.2 | 25 | Pg | 18:39:30.72 | -0.15 |
| | | | Sg | 39:44.78 | 0.28 |
| PKS9 | 99.7 | 9 | P* | 18:39:32.13 | 0.84 |
| | | | S* | 39:45.38 | 0.14 |
| BLY | 127.1 | 214 | Sn | 18:39:49.48 | -2.17 |

156.

2021-02-08 time: 9:33:35.55 UTC ML= 1.5
 lat: 48.597N lon: 20.753E h= 0.0 km
 erh= 1.9km erz= 2.0km
 nr= 8 gap=228 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.5 | 237 | Pg | 9:33:40.11 | 0.37 |
| | | | Sg | 33:43.07 | 0.06 |
| ABAH | 49.2 | 133 | Pg | 9:33:44.38 | 0.05 |
| | | | Sg | 33:50.96 | -0.22 |
| PSZ | 98.8 | 220 | Pg | 9:33:53.52 | 0.32 |
| | | | Sg | 34:06.07 | -0.89 |
| VYHS | 142.0 | 265 | Pn | 9:34:00.25 | -0.04 |
| | | | Sn | 34:18.47 | -1.12 |

157.

2021-02-08 time: 9:45:00.26 UTC ML= 1.7
 lat: 46.126N lon: 18.012E h= 0.0 km
 erh= 2.7km erz= 385km
 nr= 8 gap=294 rms=0.28
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 8.0 | 122 | PgU | 9:45:01.66 | -0.02 |
| | | | Sg | 45:02.33 | -0.47 |
| PKSV | 32.3 | 145 | Pg | 9:45:06.16 | 0.13 |
| | | | Sg | 45:10.66 | 0.13 |
| PKSM | 49.5 | 79 | Pg | 9:45:08.91 | -0.19 |
| | | | Sg | 45:15.51 | -0.49 |
| MORH | 49.8 | 78 | Pg | 9:45:09.36 | 0.21 |
| | | | Sg | 45:16.74 | 0.65 |

158.

2021-02-08 time: 10:10:50.73 UTC ML= 1.3
 lat: 47.577N lon: 18.453E h= 0.0 km
 erh= 1.6km erz= 2.8km
 nr= 16 gap= 71 rms=0.66
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 21.1 | 193 | Pg | 10:10:55.01 | 0.52 |
| | | | Sg | 10:57.23 | -0.20 |
| CSKK | 27.8 | 211 | Pg | 10:10:56.06 | 0.37 |
| | | | Sg | 10:59.74 | 0.17 |
| BUD | 44.2 | 104 | Sg | 10:11:04.72 | -0.07 |
| PKST | 47.4 | 222 | Pg | 10:10:59.74 | 0.55 |
| | | | Sg | 11:05.46 | -0.33 |
| PENC | 66.6 | 69 | Sg | 10:11:12.23 | 0.33 |
| MPLH | 82.5 | 237 | Sg | 10:11:15.59 | -1.35 |
| EGYH | 86.3 | 258 | Sg | 10:11:18.61 | 0.45 |
| VYHS | 105.9 | 16 | Sg | 10:11:24.34 | -0.05 |
| PSZ | 114.6 | 71 | Sg | 10:11:26.79 | -0.36 |
| MODS | 124.7 | 315 | Sg | 10:11:29.50 | -0.86 |
| MORH | 152.0 | 174 | Sn | 10:11:35.28 | -1.70 |
| PKSM | 152.4 | 175 | Sn | 10:11:35.68 | -1.39 |
| KOVH | 167.6 | 189 | Sn | 10:11:41.60 | 1.15 |

159.

2021-02-08 time: 10:48:43.75 UTC ML= 1.0
 lat: 47.859N lon: 16.025E h= 0.0 km
 erh= 1.8km erz= 2.7km
 nr= 9 gap= 93 rms=0.87
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 14.4 | 302 | Pg | 10:48:46.54 | 0.21 |
| | | | Sg | 48:49.15 | 0.81 |
| RONA | 27.0 | 131 | Pg | 10:48:48.90 | 0.33 |
| | | | Sg | 48:52.56 | 0.24 |
| WINA | 27.9 | 7 | Pg | 10:48:49.29 | 0.56 |
| | | | Sg | 48:53.48 | 0.86 |
| MODS | 109.5 | 58 | Sg | 10:49:17.23 | -1.31 |
| KRUC | 136.6 | 12 | Sn | 10:49:24.30 | -2.28 |
| SOKA | 151.2 | 210 | Sn | 10:49:28.68 | -1.15 |

160.

2021-02-08 time: 13:44:32.37 UTC ML= 2.5
 lat: 45.570N lon: 16.073E h= 5.5 km
 erh= 2.4km erz= 2.5km
 nr= 15 gap=164 rms=0.58
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PTJ | 37.8 | 346 | Pg | 13:44:38.93 | -0.27 |
| | | | Sg | 44:44.25 | -0.27 |
| CRES | 55.8 | 301 | Pg | 13:44:42.55 | 0.16 |
| | | | Sg | 44:50.48 | 0.27 |
| KOGS | 98.6 | 8 | Pg | 13:44:50.00 | -0.01 |
| | | | Sg | 45:02.96 | -0.80 |
| BEHE | 113.9 | 29 | Pg | 13:44:53.52 | 0.78 |
| | | | Sg | 45:08.78 | 0.16 |
| BLY | 126.3 | 136 | Pn | 13:44:53.72 | -0.73 |
| | | | Sn | 45:11.79 | 0.13 |
| SOKA | 147.1 | 327 | Pn | 13:44:57.44 | 0.40 |
| | | | Sn | 45:14.67 | -1.62 |
| OBKA | 157.6 | 312 | Pn | 13:44:59.99 | 1.64 |
| | | | Sn | 45:18.21 | -0.40 |
| RONA | 237.4 | 4 | Pn | 13:45:08.53 | 0.23 |

161.

2021-02-08 time: 13:54:14.22 UTC ML= 1.6
 lat: 47.903N lon: 16.470E h= 0.0 km
 erh= 1.8km erz= 741km
 nr= 9 gap= 86 rms=0.57
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SOP | 25.3 | 165 | Sg | 13:54:23.56 | 1.30 |
| RONA | 26.1 | 210 | Pg | 13:54:18.84 | -0.04 |
| | | | Sg | 54:22.39 | -0.12 |
| WINA | 37.3 | 308 | Sg | 13:54:26.56 | 0.47 |
| CONA | 45.5 | 274 | Sg | 13:54:28.58 | -0.12 |
| MODS | 79.7 | 49 | Pg | 13:54:28.45 | -0.01 |
| | | | Sg | 54:39.73 | 0.17 |
| MPLH | 114.6 | 135 | Sg | 13:54:50.02 | -0.62 |
| KRUC | 129.0 | 358 | Sg | 13:54:53.46 | -1.77 |

Hypocenter Parameters

Földrengés paraméterek

162.

2021-02-08 time: 23:06:57.25 UTC ML= 2.8
 lat: 45.682N lon: 17.937E h= 2.6 km
 erh= 1.8km erz= 1.4km
 nr= 58 gap= 97 rms=0.82
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| PKSV | 33.6 | 47 | PgD | 23:07:04.14 | | | 0.87 |
| | | | Sg | 07:08.00 | | | 0.04 |
| KOVH | 46.9 | 16 | PgD | 23:07:06.66 | | | 1.02 |
| | | | Sg | 07:11.94 | | | -0.25 |
| PKSM | 80.3 | 43 | PgD | 23:07:11.82 | | | 0.22 |
| | | | Sg | 07:21.15 | | | -1.65 |
| MORH | 80.8 | 43 | PgD | 23:07:11.87 | | | 0.18 |
| | | | Sg | 07:21.33 | | | -1.62 |
| PKS9 | 104.0 | 15 | Pg | 23:07:16.29 | | | 0.46 |
| PKB4 | 104.2 | 30 | Pg | 23:07:16.11 | | | 0.25 |
| | | | Sg | 07:29.32 | | | -1.06 |
| PKB5 | 118.8 | 31 | Pg | 23:07:18.20 | | | -0.27 |
| | | | Sg | 07:33.40 | | | -1.62 |
| BLY | 119.4 | 210 | Pg | 23:07:18.92 | | | 0.35 |
| | | | Sg | 07:34.99 | | | -0.21 |
| BEHE | 125.5 | 314 | Pn | 23:07:19.71 | | | 0.11 |
| | | | Sn | 07:35.47 | | | -1.57 |
| PKB3 | 127.6 | 50 | Pn | 23:07:20.13 | | | 0.26 |
| | | | Sn | 07:36.74 | | | -0.77 |
| PKS2 | 133.6 | 48 | Pn | 23:07:20.41 | | | -0.21 |
| TIH | 135.5 | 359 | Pn | 23:07:20.21 | | | -0.63 |
| PKB1 | 139.2 | 28 | Pn | 23:07:20.60 | | | -0.71 |
| | | | Sn | 07:39.01 | | | -1.07 |
| PKB2 | 149.4 | 42 | Pn | 23:07:23.57 | | | 0.98 |
| | | | Sn | 07:42.64 | | | 0.29 |
| PTJ | 155.8 | 279 | Pn | 23:07:22.82 | | | -0.56 |
| | | | Sn | 07:43.77 | | | 0.01 |
| KOGS | 155.8 | 303 | Pn | 23:07:22.92 | | | -0.47 |
| | | | Sn | 07:44.52 | | | 0.75 |
| FRGS | 158.7 | 112 | Pn | 23:07:23.18 | | | -0.57 |
| | | | Sn | 07:44.42 | | | 0.00 |
| PKS6 | 162.0 | 51 | Pn | 23:07:23.51 | | | -0.64 |
| | | | Sn | 07:46.37 | | | 1.24 |
| MPLH | 168.2 | 350 | Pn | 23:07:25.03 | | | 0.10 |
| | | | Sn | 07:46.35 | | | -0.18 |
| PKST | 175.5 | 2 | Pn | 23:07:28.71 | | | 2.87 |
| | | | Sn | 07:49.64 | | | 1.51 |
| PKS7 | 178.6 | 32 | Pn | 23:07:29.21 | | | 2.98 |
| | | | Sn | 07:51.15 | | | 2.32 |
| GOLS | 183.3 | 282 | ePn | 23:07:26.41 | | | -0.40 |
| CSKK | 188.5 | 8 | Pn | 23:07:27.13 | | | -0.33 |
| PKSG | 193.3 | 10 | Pn | 23:07:27.73 | | | -0.32 |
| | | | Sn | 07:55.62 | | | 3.54 |
| CRES | 193.6 | 275 | Pn | 23:07:28.00 | | | -0.10 |
| | | | Sn | 07:55.67 | | | 3.51 |
| EGYH | 198.4 | 346 | Pn | 23:07:29.56 | | | 0.87 |
| LEGS | 205.7 | 278 | iPn | 23:07:29.17 | | | -0.44 |
| GROS | 207.3 | 295 | Pn | 23:07:29.35 | | | -0.46 |
| | | | Sn | 07:58.75 | | | 3.55 |
| PERS | 242.3 | 296 | Pn | 23:07:33.87 | | | -0.29 |
| SOP | 246.2 | 335 | Pn | 23:07:34.82 | | | 0.16 |
| SOKA | 250.1 | 296 | Pn | 23:07:34.82 | | | -0.32 |
| RONA | 257.0 | 331 | Pn | 23:07:36.18 | | | 0.18 |
| A338 | 261.3 | 7 | Pn | 23:07:37.02 | | | 0.48 |
| OBKA | 277.7 | 289 | Pn | 23:07:37.64 | | | -0.94 |
| | | | Sn | 08:10.03 | | | -0.78 |
| BZS | 287.0 | 91 | Pn | 23:07:39.75 | | | 0.01 |
| CONA | 295.7 | 328 | Pn | 23:07:41.01 | | | 0.18 |
| MODS | 303.4 | 350 | Pn | 23:07:41.81 | | | 0.02* |
| WINA | 304.8 | 332 | Pn | 23:07:42.22 | | | 0.27* |
| | | | Sn | 08:13.14 | | | -3.69* |
| SMOL | 317.2 | 353 | ePn | 23:07:44.60 | | | 1.09* |
| | | | eSn | 08:17.40 | | | -2.19* |
| VYHS | 320.0 | 12 | Pn | 23:07:52.35 | | | 8.49* |
| MOA | 369.7 | 311 | Pn | 23:07:51.08 | | | 1.02* |

Sn 08:30.14 -1.11*
 ABNA 382.7 330 Sn 23:08:30.95 -3.16*
 KRUC 393.4 343 Pn 23:07:52.71 -0.30*
 BIOA 397.5 304 Pn 23:07:54.23 0.71*
 Sn 08:36.09 -1.33*

163.

2021-02-08 time: 23:13:32.61 UTC ML= 1.8
 lat: 45.700N lon: 17.994E h= 1.1 km
 erh= 2.2km erz= 1.6km
 nr= 20 gap=150 rms=0.47
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| PKSV | 29.0 | 44 | Pg | 23:13:38.41 | | | 0.62 |
| | | | Sg | 13:42.27 | | | 0.43 |
| KOVH | 44.0 | 11 | PgD | 23:13:40.87 | | | 0.41 |
| | | | Sg | 13:46.16 | | | -0.43 |
| PKSM | 75.9 | 41 | PgD | 23:13:46.08 | | | -0.08 |
| | | | Sg | 13:55.83 | | | -0.90 |
| MORH | 76.4 | 41 | Pg | 23:13:46.14 | | | -0.10 |
| | | | Sg | 13:55.58 | | | -1.30 |
| PKB4 | 100.3 | 28 | Pg | 23:13:50.46 | | | -0.06 |
| | | | Sg | 14:04.53 | | | 0.04 |
| PKS9 | 101.1 | 13 | Pg | 23:13:51.07 | | | 0.42 |
| | | | Sg | 14:04.38 | | | -0.35 |
| PKB3 | 122.9 | 49 | Pg | 23:13:54.95 | | | 0.39 |
| BLY | 123.4 | 211 | Pg | 23:13:54.30 | | | -0.34 |
| | | | Sg | 14:09.16 | | | -2.66* |
| PKS2 | 129.0 | 47 | Pn | 23:13:55.70 | | | 0.12 |
| PKB1 | 135.4 | 27 | Pn | 23:13:56.41 | | | 0.03 |
| | | | Sn | 14:13.88 | | | -1.04 |
| FRGS | 155.4 | 114 | Sn | 23:14:19.26 | | | -0.10 |
| PKST | 173.4 | 1 | Sn | 23:14:24.08 | | | 0.73 |

164.

2021-02-09 time: 8:20:07.20 UTC ML= 1.7
 lat: 45.961N lon: 22.359E h= 0.0 km
 erh= 1.8km erz= 3.3km
 nr= 19 gap= 74 rms=0.77
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SURR | 29.4 | 218 | PgC | 8:20:13.64 | | | 1.19 |
| | | | Sg | 20:18.10 | | | 1.55 |
| SIRR | 63.9 | 302 | Sg | 8:20:26.59 | | | -0.93 |
| BZS | 69.3 | 236 | Pg | 8:20:19.17 | | | -0.41 |
| | | | Sg | 20:28.36 | | | -0.87 |
| GZR | 71.0 | 153 | Pg | 8:20:20.38 | | | 0.49 |
| | | | Sg | 20:29.42 | | | -0.36 |
| DRGR | 96.2 | 16 | Pg | 8:20:24.54 | | | 0.16 |
| | | | Sg | 20:37.85 | | | 0.07 |
| MARR | 98.6 | 36 | PgD | 8:20:25.26 | | | 0.44 |
| | | | Sg | 20:37.80 | | | -0.76 |
| HERR | 120.2 | 178 | PgD | 8:20:29.35 | | | 0.69 |
| | | | Sg | 20:44.30 | | | -1.10 |
| LOT | 123.8 | 117 | PgC | 8:20:29.34 | | | 0.03 |
| | | | Sg | 20:44.40 | | | -2.15 |
| MDVR | 140.6 | 201 | PnC | 8:20:32.17 | | | 0.40 |
| | | | Sn | 20:49.70 | | | -1.22 |
| VOIR | 217.5 | 106 | PnD | 8:20:41.96 | | | 0.60 |
| | | | Sn | 21:07.30 | | | -0.69 |

165.

2021-02-09 time: 8:46:12.90 UTC ML= 1.5
 lat: 47.332N lon: 18.455E h= 0.0 km
 erh= 0.6km erz= 4.3km
 nr= 9 gap=114 rms=0.19
 Locality: Zámoly
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSG | 8.2 | 324 | Pg | 8:46:14.47 | 0.10 |
| | | | Sg | 46:15.15 | -0.37 |
| CSKK | 15.1 | 283 | PgU | 8:46:15.70 | 0.11 |
| | | | Sg | 46:17.56 | -0.14 |
| PKST | 32.9 | 256 | Pg | 8:46:18.89 | 0.13 |
| MORH | 124.9 | 173 | Sg | 8:46:52.63 | 0.03 |
| PKSM | 125.3 | 173 | Sg | 8:46:52.58 | -0.16 |
| PSZ | 126.3 | 59 | Sg | 8:46:53.08 | 0.03 |
| VYHS | 132.3 | 12 | Sn | 8:46:53.13 | -1.65* |

166.

2021-02-09 time: 10:11:58.91 UTC ML= 1.6
 lat: 48.701N lon: 19.896E h= 0.0 km
 erh= 2.0km erz= 733km
 nr= 10 gap= 94 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.8 | 119 | Pg | 10:12:08.24 | 0.44 |
| | | | Sg | 12:13.71 | -1.02 |
| LANS | 59.0 | 328 | Sg | 10:12:17.62 | -0.06 |
| VYHS | 81.5 | 254 | Sg | 10:12:24.86 | 0.04 |
| NIE | 85.4 | 21 | Pg | 10:12:14.66 | 0.49 |
| | | | Sg | 12:25.16 | -0.91 |
| PSZ | 87.0 | 180 | Pg | 10:12:14.91 | 0.46 |
| | | | Sg | 12:26.06 | -0.51 |
| ABAH | 109.0 | 114 | Pg | 10:12:18.58 | 0.21 |
| PENC | 111.1 | 204 | Sg | 10:12:32.99 | -1.22 |

167.

2021-02-09 time: 10:29:58.83 UTC ML= 1.7
 lat: 48.804N lon: 21.228E h= 0.0 km
 erh= 3.1km erz= 6.5km
 nr= 8 gap= 94 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 56.5 | 179 | Sg | 10:30:16.76 | -0.03 |
| KECS | 65.3 | 237 | Pg | 10:30:11.64 | 1.14 |
| | | | Sg | 30:18.67 | -0.93 |
| KOLS | 78.0 | 79 | Sg | 10:30:23.69 | 0.07 |
| NIE | 95.6 | 316 | Pg | 10:30:16.16 | 0.26 |
| | | | Sg | 30:27.91 | -1.30 |
| TRPA | 122.5 | 128 | Sg | 10:30:37.15 | -0.62 |
| KWP | 141.7 | 50 | Sn | 10:30:42.67 | -0.12 |

168.

2021-02-09 time: 10:35:51.92 UTC ML= 1.4
 lat: 47.890N lon: 16.092E h= 0.0 km
 erh= 1.9km erz= 3.0km
 nr= 8 gap=140 rms=0.89
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 17.7 | 284 | Pg | 10:35:54.77 | -0.32 |
| | | | Sg | 35:57.79 | 0.23 |
| WINA | 24.2 | 357 | Pg | 10:35:57.31 | 1.06 |
| | | | Sg | 36:01.16 | 1.53 |
| RONA | 26.1 | 144 | Pg | 10:35:56.58 | 0.00 |
| | | | Sg | 36:00.15 | -0.07 |
| KRUC | 132.3 | 10 | Pn | 10:36:14.86 | -0.59 |
| | | | Sn | 36:30.82 | -2.98 |

169.

2021-02-09 time: 11:58:51.12 UTC ML= 1.8
 lat: 48.675N lon: 21.489E h= 0.0 km
 erh= 1.1km erz= 2.1km
 nr= 9 gap=110 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOLS | 64.3 | 64 | Pg | 11:59:02.86 | 0.25 |
| | | | Sg | 59:11.69 | 0.12 |
| KECS | 77.1 | 254 | Pg | 11:59:05.07 | 0.19 |
| | | | Sg | 59:15.29 | -0.32 |
| TRPA | 98.6 | 128 | Pg | 11:59:08.46 | -0.26 |
| | | | Sg | 59:22.24 | -0.21 |
| NIE | 119.3 | 314 | Pg | 11:59:12.48 | 0.06 |
| | | | Sg | 59:28.35 | -0.68 |
| PSZ | 145.2 | 235 | Sn | 11:59:36.28 | 0.42 |

170.

2021-02-09 time: 12:20:32.54 UTC ML= 1.8
 lat: 45.611N lon: 17.354E h= 12.2 km
 erh= 1.7km erz= 0.5km
 nr= 10 gap=213 rms=0.12
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKSV | 76.4 | 66 | Pg | 12:20:46.39 | 0.04 |
| | | | Sg | 20:56.92 | -0.21 |
| KOVH | 78.5 | 48 | Pg | 12:20:46.69 | -0.04 |
| | | | Sg | 20:57.93 | 0.13 |
| PKSM | 120.1 | 56 | Pn | 12:20:52.82 | -0.17 |
| | | | Sn | 21:08.91 | -0.04 |
| MORH | 120.6 | 56 | Pn | 12:20:53.17 | 0.12 |
| | | | Sn | 21:09.21 | 0.17 |
| CREC | 149.6 | 279 | Pn | 12:20:56.73 | 0.06 |
| | | | Sn | 21:14.50 | -0.99* |

171.

2021-02-09 time: 12:57:49.70 UTC ML= 1.5
 lat: 48.404N lon: 17.296E h= 0.0 km
 erh= 2.8km erz= 4.1km
 nr= 13 gap=118 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 3.7 | 202 | Pg | 12:57:50.76 | 0.40 |
| | | | Sg | 57:52.80 | 1.92 |
| SMOL | 15.6 | 39 | Pg | 12:57:53.03 | 0.54 |
| | | | Sg | 57:55.27 | 0.60 |
| WINA | 96.6 | 250 | Pg | 12:58:07.01 | 0.05 |
| | | | Sg | 58:21.44 | 1.02 |
| KRUC | 98.7 | 318 | Sg | 12:58:20.58 | -0.48 |
| RONA | 108.2 | 224 | Pg | 12:58:08.67 | -0.34 |
| | | | Sg | 58:22.18 | -1.90 |
| CONA | 119.1 | 244 | Pg | 12:58:09.88 | -1.09 |
| | | | Sg | 58:28.26 | 0.70 |
| PKST | 138.8 | 157 | Sn | 12:58:32.27 | -0.77 |
| MORC | 153.7 | 7 | Sn | 12:58:35.49 | -0.84 |

172.

2021-02-10 time: 9:39:03.46 UTC ML= 1.2
 lat: 48.523N lon: 20.792E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 7 gap=147 rms=0.82
 Locality: Tornaszentandrás
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.1 | 259 | Pg | 9:39:08.22 | 0.64 |
| | | | Sg | 39:10.87 | 0.08 |
| ABAH | 41.7 | 127 | Pg | 9:39:11.58 | 0.67 |
| | | | Sg | 39:16.36 | -0.36 |
| PSZ | 94.7 | 225 | Pg | 9:39:20.58 | 0.20 |
| | | | Sg | 39:32.03 | -1.54 |
| NIE | 105.6 | 341 | Sg | 9:39:35.24 | -1.77 |

173.

2021-02-10 time: 10:06:04.41 UTC ML= 0.8
 lat: 47.191N lon: 18.289E h= 0.0 km
 erh= 1.4km erz= 2.5km
 nr= 8 gap=147 rms=0.32
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 19.3 | 354 | Pg | 10:06:08.25 | 0.40 |
| | | | Sg | 06:09.91 | -0.62 |
| PKST | 20.7 | 291 | Pg | 10:06:08.10 | -0.01 |
| | | | Sg | 06:11.07 | 0.08 |
| PKSG | 23.6 | 19 | Sg | 10:06:12.07 | 0.16 |
| PKSM | 112.1 | 166 | Sg | 10:06:40.19 | 0.14 |
| KOVH | 123.4 | 187 | Sg | 10:06:43.40 | -0.24 |
| VYHS | 150.5 | 16 | Sn | 10:06:49.73 | -0.61 |

174.

2021-02-10 time: 10:58:56.85 UTC ML= 1.5
 lat: 48.620N lon: 20.764E h= 0.0 km
 erh= 2.7km erz= 3.5km
 nr= 8 gap=168 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.6 | 233 | Pg | 10:59:01.86 | 0.45 |
| | | | Sg | 59:05.02 | 0.05 |
| ABAH | 50.4 | 136 | Pg | 10:59:05.98 | 0.14 |
| | | | Sg | 59:12.96 | 0.10 |
| PSZ | 101.3 | 220 | Sg | 10:59:28.22 | -0.82 |
| KOLS | 116.3 | 73 | Sg | 10:59:33.21 | -0.60 |
| VYHS | 143.0 | 264 | Pn | 10:59:21.86 | 0.15 |
| | | | Sn | 59:40.59 | -0.51 |

175.

2021-02-11 time: 9:09:31.21 UTC ML= 1.7
 lat: 47.648N lon: 19.179E h= 0.0 km
 erh= 1.5km erz= 1.0km
 nr= 6 gap=325 rms=0.74
 Locality: Dunakeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 17.6 | 26 | Pg | 9:09:35.10 | 0.75 |
| | | | Sg | 09:36.60 | -0.21 |
| PSZ | 61.5 | 61 | Pg | 9:09:42.69 | 0.50 |
| | | | Sg | 09:50.58 | -0.17 |
| KECS | 134.6 | 46 | Pn | 9:09:54.37 | -0.65 |
| | | | Sn | 10:11.47 | -2.13 |

176.

2021-02-12 time: 7:58:34.54 UTC ML= 1.2
 lat: 47.579N lon: 18.426E h= 0.0 km
 erh= 1.4km erz= 359km
 nr= 9 gap=157 rms=0.28
 Locality: Tatabánya
 Comments: probably explosion

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 21.0 | 187 | Pg | 7:58:38.41 | 0.13 |
| | | | Sg | 58:41.08 | -0.12 |
| CSKK | 27.0 | 207 | Pg | 7:58:39.50 | 0.14 |
| | | | Sg | 58:43.59 | 0.46 |
| PKST | 46.2 | 220 | Pg | 7:58:42.78 | -0.01 |
| | | | Sg | 58:48.66 | -0.57 |
| BUD | 46.3 | 103 | Sg | 7:58:49.23 | -0.01 |
| VYHS | 106.3 | 17 | Pg | 7:58:53.53 | 0.02 |
| | | | Sg | 59:07.14 | -1.18 |

177.

2021-02-12 time: 16:07:11.04 UTC ML= 2.4
 lat: 47.848N lon: 16.267E h= 6.1 km
 erh= 1.6km erz= 1.6km
 nr= 44 gap= 43 rms=0.98
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.6 | 173 | Pg | 16:07:14.20 | 0.00 |
| | | | Sg | 07:16.29 | -0.38 |
| SOP | 28.5 | 130 | PgU | 16:07:16.49 | 0.25 |
| | | | Sg | 07:19.95 | -0.34 |
| CONA | 31.6 | 286 | Pg | 16:07:16.80 | 0.01 |
| | | | Sg | 07:20.97 | -0.31 |
| WINA | 32.3 | 333 | Pg | 16:07:17.94 | 1.03 |
| | | | Sg | 07:22.49 | 1.01 |
| EGYH | 93.2 | 121 | Pg | 16:07:27.03 | -0.69 |
| | | | Sg | 07:39.85 | -0.89 |
| MODS | 95.2 | 52 | Pg | 16:07:27.59 | -0.49 |
| | | | Sg | 07:41.28 | -0.10 |
| A339 | 104.0 | 91 | Pg | 16:07:29.32 | -0.31 |
| | | | Sg | 07:42.94 | -1.20 |
| ABNA | 110.5 | 326 | Pg | 16:07:29.66 | -1.14 |
| | | | Sg | 07:42.86 | -3.35 |
| SMOL | 113.8 | 49 | Pg | 16:07:30.99 | -0.39 |
| | | | Sg | 07:46.78 | -0.47 |
| PNNH | 116.8 | 106 | Sn | 16:07:47.07 | -1.02 |
| MPLH | 121.9 | 128 | Pn | 16:07:31.76 | -0.73 |
| | | | Sn | 07:47.27 | -1.95 |
| KRUC | 135.3 | 4 | Pn | 16:07:33.95 | -0.21 |
| | | | Sn | 07:50.29 | -1.90 |
| PKST | 148.2 | 116 | Pn | 16:07:36.80 | 1.03 |
| | | | Pn | 16:07:35.34 | -0.63 |
| MOA | 149.8 | 270 | Sn | 07:54.22 | -1.19 |
| | | | Pn | 16:07:37.71 | 1.02 |
| KOGS | 155.6 | 180 | Sn | 07:56.97 | 0.27 |
| | | | Pn | 16:07:39.05 | 2.20 |
| A338 | 156.9 | 83 | Sn | 07:58.07 | 1.08 |
| | | | Pn | 16:07:38.86 | 1.71 |
| CSKK | 159.3 | 110 | Pn | 16:07:37.20 | -0.06 |
| SOKA | 160.2 | 216 | Pn | 16:07:37.31 | 0.01 |
| | | | Sn | 07:55.24 | -2.54 |
| GROS | 164.8 | 201 | Pn | 16:07:39.10 | 1.27 |
| PKSG | 167.5 | 108 | Pn | 16:07:40.82 | 2.65 |
| | | | Pn | 16:07:43.85 | 1.90 |
| OBKA | 197.8 | 221 | Sn | 08:05.28 | -0.78 |
| | | | Pn | 16:07:43.00 | 1.04 |
| BIOA | 197.9 | 265 | Sn | 08:06.80 | 0.73 |
| | | | Pn | 16:07:46.45 | -0.02 |
| MORC | 234.1 | 24 | Sn | 08:14.66 | 0.55 |
| | | | Pn | 16:07:51.61 | 0.17 |
| LESA | 273.9 | 260 | Sn | 08:21.75 | -1.20 |

178.

2021-02-12 time: 22:05:20.15 UTC ML= 0.7
 lat: 47.787N lon: 16.142E h= 10.6 km
 erh= 2.3km erz= 1.5km
 nr= 11 gap=177 rms=0.38
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 15.2 | 130 | PgU | 22:05:23.55 | 0.10 |
| | | | Sg | 05:25.41 | -0.62 |
| CONA | 26.1 | 307 | Pg | 22:05:25.47 | 0.29 |
| | | | Sg | 05:28.83 | -0.28 |
| SOP | 33.3 | 110 | Pg | 22:05:26.69 | 0.30 |
| | | | Sg | 05:30.69 | -0.58 |
| WINA | 35.9 | 352 | Pg | 22:05:27.33 | 0.49 |
| | | | Sg | 05:31.86 | -0.19 |
| MODS | 106.8 | 52 | Sn | 22:05:54.06 | 0.09 |
| ABNA | 111.4 | 332 | Pn | 22:05:39.47 | -0.25 |
| | | | Sn | 05:52.54 | -2.45* |

179.

2021-02-14 time: 4:22:55.46 UTC ML= 1.6
 lat: 47.640N lon: 18.133E h= 10.6 km
 erh= 1.5km erz= 1.4km
 nr= 25 gap= 71 rms=0.64
 Locality: Kisigmánd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PNNH | 29.6 | 251 | Pg | 4:23:01.64 | 0.57 |
| | | | Sg | 23:06.04 | 0.59 |
| CSKK | 32.3 | 163 | PgU | 4:23:01.35 | -0.17 |
| | | | Sg | 23:05.48 | -0.77 |
| PKSG | 33.8 | 145 | Pg | 4:23:01.73 | -0.04 |
| | | | Sg | 23:05.77 | -0.93 |
| PKST | 43.0 | 190 | Pg | 4:23:03.13 | -0.24 |
| | | | Sg | 23:08.69 | -0.85 |
| A338 | 44.8 | 22 | Pg | 4:23:03.85 | 0.16 |
| | | | Sg | 23:10.46 | 0.36 |
| EGYH | 65.2 | 248 | Sg | 4:23:15.94 | -0.51 |
| MPLH | 68.8 | 221 | Pg | 4:23:07.62 | -0.27 |
| | | | Sg | 23:18.87 | 1.29 |
| MODS | 103.6 | 322 | P* | 4:23:13.49 | -0.48 |
| | | | S* | 23:27.50 | -0.90 |
| VYHS | 108.5 | 29 | Pn | 4:23:14.93 | 0.27 |
| | | | Sn | 23:27.38 | -2.26 |
| SMOL | 110.4 | 332 | Pn | 4:23:14.98 | 0.08 |
| | | | Sn | 23:29.09 | -0.98 |
| PKB4 | 132.1 | 164 | Sn | 4:23:34.88 | 0.00 |
| PSZ | 135.6 | 77 | Pn | 4:23:19.17 | 1.13 |
| | | | Sn | 23:35.73 | 0.07 |
| MORH | 163.0 | 166 | Sn | 4:23:43.22 | 1.47 |
| PKSM | 163.4 | 166 | Sn | 4:23:42.51 | 0.68 |
| KOVH | 172.5 | 181 | Sn | 4:23:46.08 | 2.23 |

180.

2021-02-14 time: 11:14:29.86 UTC ML= 1.6
 lat: 45.687N lon: 18.003E h= 5.8 km
 erh= 6.6km erz= 6.0km
 nr= 13 gap=171 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 29.6 | 41 | Pg | 11:14:35.79 | 0.54 |
| | | | Sg | 14:39.91 | 0.45 |
| KOVH | 45.3 | 10 | PgD | 11:14:38.32 | 0.31 |
| | | | Sg | 14:43.43 | -0.94 |
| PKSM | 76.5 | 40 | Pg | 11:14:43.43 | -0.14 |
| | | | Sg | 14:52.87 | -1.39 |
| MORH | 77.0 | 40 | Pg | 11:14:43.56 | -0.09 |
| | | | Sg | 14:52.76 | -1.65 |
| PKB4 | 101.3 | 27 | Pg | 11:14:48.11 | 0.13 |
| | | | Sg | 15:01.90 | -0.21 |
| PKB5 | 115.7 | 29 | Pg | 11:14:51.24 | 0.68 |
| BLY | 122.5 | 212 | Sn | 11:15:06.60 | -1.64 |
| PKB1 | 136.3 | 27 | Pn | 11:14:54.03 | 0.88 |

181.

2021-02-15 time: 2:54:56.23 UTC ML= 1.7
 lat: 45.761N lon: 18.047E h= 5.2 km
 erh= 2.7km erz= 1.8km
 nr= 18 gap=248 rms=0.43
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 21.3 | 48 | Pg | 2:55:00.28 | 0.13 |
| | | | Sg | 55:04.13 | 0.92 |
| KOVH | 36.6 | 6 | PgD | 2:55:02.67 | -0.16 |
| | | | Sg | 55:08.01 | 0.04 |
| PKSM | 68.0 | 43 | Pg | 2:55:07.87 | -0.54 |
| | | | Sg | 55:17.17 | -0.75 |
| MORH | 68.5 | 42 | Pg | 2:55:07.98 | -0.52 |
| | | | Sg | 55:17.33 | -0.74 |
| PKB4 | 92.3 | 28 | Pg | 2:55:12.55 | -0.20 |
| | | | Sg | 55:26.35 | 0.72 |
| PKS9 | 93.5 | 11 | Pg | 2:55:13.63 | 0.68 |
| PKB5 | 106.8 | 30 | Pg | 2:55:15.41 | 0.08 |
| | | | Sg | 55:30.54 | 0.31 |
| PKB3 | 115.3 | 50 | Pg | 2:55:16.87 | 0.02 |
| PKS2 | 121.3 | 48 | Pn | 2:55:18.07 | 0.35 |
| PKB1 | 127.4 | 27 | Pn | 2:55:18.77 | 0.29 |
| | | | Sn | 55:35.50 | -0.33 |
| KOGS | 158.5 | 299 | Sn | 2:55:42.57 | -0.17 |

182.

2021-02-15 time: 9:04:02.62 UTC ML= 2.2
 lat: 46.433N lon: 16.450E h= 12.9 km
 erh= 1.6km erz= 1.1km
 nr= 25 gap=106 rms=0.55
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KOGS | 15.5 | 276 | Pg | 9:04:06.32 | 0.11 |
| | | | Sg | 04:09.64 | 0.63 |
| BEHE | 25.3 | 81 | Pg | 9:04:07.53 | -0.17 |
| | | | Sg | 04:11.45 | -0.21 |
| PTJ | 70.4 | 213 | Sg | 9:04:25.18 | -0.18 |
| GROS | 72.9 | 272 | Pg | 9:04:15.57 | -0.28 |
| | | | Sg | 04:24.61 | -1.56 |
| GOLS | 79.1 | 234 | iPgC | 9:04:17.48 | 0.55 |
| | | | iSg | 04:28.01 | -0.09 |
| DOBS | 81.9 | 247 | iPg | 9:04:17.73 | 0.30 |
| | | | iSg | 04:29.06 | 0.09 |
| GCIS | 89.4 | 225 | iSg | 9:04:30.98 | -0.35 |
| CREG | 102.2 | 229 | P* | 9:04:20.94 | 0.23 |
| | | | S* | 04:34.10 | -0.72 |
| PERS | 104.8 | 282 | Pn | 9:04:20.69 | -0.39 |
| | | | Sn | 04:33.04 | -2.43* |
| SOKA | 112.1 | 284 | Sn | 9:04:35.90 | -1.19 |
| MPLH | 116.8 | 45 | Pn | 9:04:21.75 | -0.82 |
| PDKS | 119.4 | 250 | iPn | 9:04:23.49 | 0.59 |
| KOVH | 132.8 | 107 | Sn | 9:04:41.95 | 0.25 |
| RONA | 141.3 | 355 | Pn | 9:04:26.36 | 0.72 |
| | | | Sn | 04:43.61 | 0.02 |
| OBKA | 146.3 | 273 | Pn | 9:04:27.43 | 1.18 |
| | | | Sn | 04:44.74 | 0.06 |
| CONA | 172.2 | 345 | Sn | 9:04:50.94 | 0.51 |

183.

2021-02-15 time: 9:29:06.03 UTC ML= 1.4
 lat: 48.070N lon: 20.682E h= 0.0 km
 erh= 1.1km erz= 211km
 nr= 5 gap=195 rms=0.09
 Locality: Bükkszentlászló
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 48.2 | 342 | Pg | 9:29:14.68 | 0.05 |
| | | | Sg | 29:21.31 | -0.04 |
| ABAH | 48.5 | 59 | Pg | 9:29:14.78 | 0.10 |
| | | | Sg | 29:21.26 | -0.17 |
| PSZ | 61.2 | 254 | Sg | 9:29:25.38 | -0.08 |

184.

2021-02-16 time: 8:48:47.16 UTC ML= 1.6
 lat: 47.339N lon: 18.448E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 11 gap=114 rms=0.76
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.3 | 324 | Pg | 8:48:49.15 | 0.68 |
| | | | Sg | 48:49.63 | 0.14 |
| CSKK | 14.4 | 281 | Pg | 8:48:50.10 | 0.37 |
| | | | Sg | 48:51.96 | 0.22 |
| PKST | 32.5 | 254 | Pg | 8:48:53.44 | 0.48 |
| PNNH | 57.0 | 295 | Sg | 8:49:02.76 | -2.51 |
| MORH | 125.7 | 173 | Sg | 8:49:27.11 | 0.00 |
| PKSM | 126.1 | 173 | Sg | 8:49:26.66 | -0.59 |
| PSZ | 126.4 | 59 | Sg | 8:49:27.36 | 0.03 |
| VYHS | 131.7 | 13 | Sn | 8:49:27.26 | -1.65 |
| KOVH | 141.5 | 191 | Sn | 8:49:30.32 | -0.76 |

185.

2021-02-16 time: 9:00:29.63 UTC ML= 1.9
 lat: 46.314N lon: 22.006E h= 0.0 km
 erh= 2.2km erz= 823km
 nr= 11 gap=104 rms=0.67
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 27.2 | 259 | Pg | 9:00:35.04 | 0.56 |
| | | | Sg | 00:38.31 | 0.05 |
| DRGR | 75.8 | 46 | Pg | 9:00:43.84 | 0.68 |
| | | | Sg | 00:52.85 | -0.87 |
| BZS | 83.2 | 201 | Pg | 9:00:44.64 | 0.16 |
| | | | Sg | 00:54.92 | -1.15 |
| AMBH | 98.6 | 272 | Pg | 9:00:47.93 | 0.69 |
| | | | Sg | 01:00.50 | -0.47 |
| GZR | 118.6 | 150 | Pg | 9:00:50.84 | 0.03 |
| | | | Sg | 01:06.51 | -0.82 |
| LTVH | 119.3 | 356 | Sg | 9:01:06.05 | -1.49 |

186.

2021-02-16 time: 9:04:11.41 UTC ML= 1.4
 lat: 48.367N lon: 19.028E h= 0.0 km
 erh= 2.6km erz= 4.6km
 nr= 14 gap= 65 rms=1.07
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 20.0 | 315 | Pg | 9:04:15.36 | 0.37 |
| | | | Sg | 04:18.57 | 0.79 |
| PENC | 66.8 | 164 | Pg | 9:04:25.22 | 1.89 |
| | | | Sg | 04:32.03 | -0.61 |
| PSZ | 81.5 | 128 | Pg | 9:04:27.32 | 1.36 |
| | | | Sg | 04:36.61 | -0.71 |
| LANS | 93.0 | 20 | Pg | 9:04:28.31 | 0.30 |
| | | | Sg | 04:40.13 | -0.84 |
| KECS | 108.7 | 83 | Pg | 9:04:30.69 | -0.13 |
| | | | Sg | 04:44.85 | -1.11 |
| PKSG | 118.4 | 204 | Sg | 9:04:47.66 | -1.38 |
| MODS | 129.7 | 270 | Sg | 9:04:51.27 | -1.36 |
| PKST | 143.9 | 211 | Sn | 9:04:53.73 | -2.13 |
| NIE | 150.3 | 39 | Sn | 9:04:57.05 | -0.23 |

187.

2021-02-16 time: 10:58:14.83 UTC ML= 1.4
 lat: 48.129N lon: 21.365E h= 0.0 km
 erh= 4.3km erz= 5.8km
 nr= 8 gap=168 rms=0.81
 Locality: Tarcál
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 20.8 | 333 | Pg | 10:58:19.26 | 0.72 |
| | | | Sg | 58:21.94 | 0.50 |
| KECS | 76.2 | 301 | Pg | 10:58:28.64 | 0.21 |
| | | | Sg | 58:38.26 | -0.78 |
| TRPA | 87.4 | 90 | Sg | 10:58:41.60 | -1.02 |
| PSZ | 112.1 | 258 | Pg | 10:58:35.67 | 0.82 |
| | | | Sg | 58:48.93 | -1.54 |
| NIE | 162.9 | 332 | Sn | 10:59:02.63 | -0.89 |

188.

2021-02-16 time: 12:21:12.51 UTC ML= 1.9
 lat: 45.626N lon: 17.318E h= 11.3 km
 erh= 6.2km erz= 2.1km
 nr= 8 gap=218 rms=0.42
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 78.3 | 68 | Pg | 12:21:26.68 | 0.04 |
| | | | Sg | 21:36.33 | -1.33 |
| KOVH | 79.6 | 50 | Pg | 12:21:27.41 | 0.55 |
| | | | Sg | 21:37.84 | -0.21 |
| PTJ | 110.1 | 286 | Sn | 12:21:46.74 | -0.16 |
| PKSM | 121.6 | 58 | Sn | 12:21:49.85 | 0.41 |
| MORH | 122.0 | 57 | Pn | 12:21:33.21 | -0.10 |
| | | | Sn | 21:49.21 | -0.32 |

189.

2021-02-16 time: 13:01:32.64 UTC ML= 1.2
 lat: 45.566N lon: 22.328E h= 0.4 km
 erh= 1.6km erz= 212km
 nr= 6 gap=157 rms=0.27
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| GZR | 40.0 | 119 | Pg | 13:01:39.76 | -0.03 |
| | | | Sg | 01:45.18 | -0.18 |
| BZS | 55.8 | 276 | Pg | 13:01:42.67 | 0.07 |
| | | | Sg | 01:50.00 | -0.37 |
| SIRR | 93.6 | 326 | Pg | 13:01:49.80 | 0.44 |
| | | | Sg | 02:02.05 | -0.35 |

190.

2021-02-16 time: 13:05:34.73 UTC ML= 0.9
 lat: 45.792N lon: 18.078E h= 16.9 km
 erh= 1.2km erz= 1.2km
 nr= 8 gap=311 rms=0.11
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 17.3 | 52 | Pg | 13:05:38.93 | -0.11 |
| | | | Sg | 05:42.76 | 0.35 |
| KOVH | 33.0 | 3 | Pg | 13:05:41.35 | 0.01 |
| | | | Sg | 05:46.56 | 0.06 |
| PKSM | 63.9 | 43 | Pg | 13:05:46.56 | 0.03 |
| | | | Sg | 05:55.53 | -0.20 |
| MORH | 64.4 | 43 | PgD | 13:05:46.65 | 0.04 |
| | | | Sg | 05:55.91 | 0.03 |

Földrengés paraméterek

Hypocenter Parameters

191.

2021-02-16 time: 13:12:16.05 UTC ML= 1.6
 lat: 45.524N lon: 22.303E h= 12.7 km
 erh= 8.0km erz= 6.3km
 nr= 7 gap=169 rms=0.70
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| GZR | 39.8 | 111 | Pg | 13:12:23.31 | -0.20 |
| | | | Sg | 12:28.83 | -0.49 |
| BZS | 54.6 | 281 | Sg | 13:12:33.95 | 0.08 |
| SIRR | 96.6 | 329 | P* | 13:12:33.85 | 0.55 |
| | | | S* | 12:46.35 | -0.40 |
| DRGR | 144.4 | 13 | Sn | 13:12:56.44 | -1.28 |
| VOIR | 214.9 | 93 | Pn | 13:12:50.11 | 1.85 |

192.

2021-02-16 time: 14:09:29.07 UTC ML= 1.6
 lat: 47.067N lon: 19.485E h= 0.0 km
 erh= 3.5km erz= 558km
 nr= 7 gap=196 rms=0.37
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 24.8 | 265 | Pg | 14:09:33.51 | 0.02 |
| | | | Sg | 09:35.72 | -1.21 |
| PENC | 81.9 | 349 | Pg | 14:09:44.20 | 0.52 |
| PSZ | 99.5 | 18 | Pg | 14:09:46.89 | 0.05 |
| | | | Sg | 10:00.07 | -0.63 |
| MORH | 114.5 | 214 | Pg | 14:09:49.45 | -0.06 |
| PKSM | 115.0 | 214 | Pg | 14:09:49.65 | 0.05 |

193.

2021-02-16 time: 14:29:37.11 UTC ML= 1.3
 lat: 46.051N lon: 22.079E h= 0.0 km
 erh= 4.8km erz= 990km
 nr= 6 gap=197 rms=0.57
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| SIRR | 40.4 | 307 | Pg | 14:29:44.43 | 0.11 |
| | | | Sg | 29:49.36 | -0.58 |
| BZS | 60.2 | 217 | Pg | 14:29:48.70 | 0.84 |
| | | | Sg | 29:55.23 | -1.01 |
| GZR | 91.1 | 143 | Pg | 14:29:53.47 | 0.10 |
| | | | Sg | 30:05.52 | -0.53 |

194.

2021-02-17 time: 8:30:20.08 UTC ML= 1.3
 lat: 45.857N lon: 18.409E h= 0.0 km
 erh= 0.7km erz= 119km
 nr= 9 gap=262 rms=0.09
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 12.7 | 286 | Pg | 8:30:22.29 | -0.06 |
| | | | Sg | 30:24.45 | 0.33 |
| KOVH | 35.2 | 317 | Pg | 8:30:26.25 | -0.11 |
| | | | Sg | 30:31.23 | -0.03 |
| PKSM | 43.3 | 24 | Pg | 8:30:27.86 | 0.04 |
| | | | Sg | 30:33.89 | 0.03 |
| MORH | 43.8 | 24 | Pg | 8:30:28.01 | 0.10 |
| | | | Sg | 30:33.94 | -0.08 |
| PKB1 | 107.2 | 16 | Sg | 8:30:54.19 | 0.03 |

195.

2021-02-17 time: 8:58:53.25 UTC ML= 1.2
 lat: 47.097N lon: 18.002E h= 0.0 km
 erh= 2.0km erz= 683km
 nr= 10 gap=120 rms=0.54
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 18.1 | 8 | Pg | 8:58:56.00 | -0.49 |
| | | | Sg | 58:59.01 | 0.00 |
| TIH | 23.5 | 201 | Pg | 8:58:57.35 | -0.09 |
| | | | Sg | 59:01.62 | 0.91 |
| CSKK | 35.4 | 34 | Pg | 8:59:00.42 | 0.84 |
| | | | Sg | 59:04.56 | 0.05 |
| MPLH | 36.0 | 283 | Pg | 8:58:59.87 | 0.19 |
| | | | Sg | 59:04.43 | -0.26 |
| PKSM | 110.0 | 154 | Sg | 8:59:27.58 | -0.62 |
| KOVH | 112.4 | 176 | Sg | 8:59:27.91 | -1.08 |

196.

2021-02-17 time: 14:17:33.01 UTC ML= 1.9
 lat: 47.087N lon: 19.417E h= 0.0 km
 erh= 4.3km erz= 844km
 nr= 10 gap=172 rms=0.66
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.9 | 257 | Pg | 14:17:37.23 | 0.66 |
| | | | Sg | 17:39.36 | 0.02 |
| PKB1 | 58.3 | 235 | Pg | 14:17:42.88 | -0.53 |
| PKS2 | 67.9 | 193 | Pg | 14:17:46.62 | 1.48 |
| PENC | 78.9 | 353 | Pg | 14:17:47.52 | 0.43 |
| PKB4 | 90.4 | 223 | Pg | 14:17:49.23 | 0.09 |
| PSZ | 99.2 | 21 | Pg | 14:17:50.18 | -0.54 |
| MORH | 113.5 | 211 | Pg | 14:17:52.84 | -0.43 |
| | | | Sg | 18:07.86 | -1.22 |
| PKSM | 114.0 | 211 | Pg | 14:17:53.05 | -0.31 |

197.

2021-02-17 time: 14:37:09.35 UTC ML= 1.8
 lat: 47.098N lon: 19.411E h= 0.0 km
 erh= 4.3km erz= 681km
 nr= 8 gap=189 rms=0.49
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.8 | 253 | Pg | 14:37:12.30 | -0.60 |
| | | | Sg | 37:15.42 | -0.24 |
| PKB5 | 76.1 | 223 | Pg | 14:37:23.80 | 0.86 |
| PENC | 77.6 | 353 | Pg | 14:37:23.85 | 0.64 |
| PKB4 | 91.0 | 223 | Pg | 14:37:25.81 | 0.21 |
| PSZ | 98.2 | 22 | Pg | 14:37:26.61 | -0.27 |
| MORH | 114.3 | 211 | Pg | 14:37:29.48 | -0.29 |
| PKSM | 114.8 | 211 | Pg | 14:37:29.53 | -0.33 |

198.

2021-02-17 time: 22:30:41.60 UTC ML= 2.1
 lat: 45.600N lon: 16.075E h= 8.2 km
 erh= 2.2km erz= 1.6km
 nr= 24 gap=160 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-------------|-------|
| ZAG | 26.3 | 346 | Pg | 22:30:46.57 | 0.06 |
| | | | Sg | 30:50.60 | 0.25 |
| PTJ | 34.6 | 345 | Pg | 22:30:47.61 | -0.34 |

Hypocenter Parameters

| Station | Dist | Azm | Phase | Time | Res |
|---------|-------|-----|-------|-------------------|-----|
| CRES | 54.3 | 298 | Sg | 30:52.52 -0.39 | |
| | | | Pg | 22:30:51.05 -0.36 | |
| | | | Sg | 30:58.91 -0.15 | |
| KOGS | 95.3 | 8 | Pg | 22:30:59.20 0.52 | |
| | | | Sg | 31:11.52 -0.48 | |
| GROS | 105.5 | 335 | Pg | 22:31:00.28 -0.22 | |
| | | | Sg | 31:13.15 -2.09 | |
| BEHE | 110.9 | 29 | Pn | 22:31:02.08 0.67 | |
| | | | Sn | 31:16.26 -0.60 | |
| BLY | 128.6 | 137 | Pn | 22:31:03.24 -0.37 | |
| | | | Sn | 31:19.73 -1.05 | |
| PERS | 136.9 | 327 | Pn | 22:31:05.19 0.54 | |
| | | | Sn | 31:21.10 -1.53 | |
| SOKA | 144.4 | 326 | Pn | 22:31:06.38 0.80 | |
| | | | Sn | 31:24.44 0.15 | |
| OBKA | 155.5 | 311 | Pn | 22:31:08.35 1.39 | |
| | | | Sn | 31:27.08 0.33 | |
| KOVH | 166.4 | 71 | Sn | 22:31:28.64 -0.53 | |
| PKSV | 172.5 | 79 | Sn | 22:31:30.40 -0.11 | |
| PKSM | 210.5 | 71 | Sn | 22:31:41.39 2.44* | |
| RONA | 234.1 | 4 | Pn | 22:31:17.57 0.81 | |

199.

2021-02-18 time: 9:02:25.68 UTC ML= 1.5
lat: 48.588N lon: 20.776E h= 0.0 km
erh= 2.4km erz= 2.2km
nr= 9 gap=205 rms=0.47
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------------|-----|
| KECS | 24.4 | 241 | Pg | 9:02:30.17 0.13 | |
| | | | Sg | 02:33.44 0.00 | |
| ABAH | 47.3 | 133 | Pg | 9:02:34.58 0.46 | |
| | | | Sg | 02:40.51 -0.20 | |
| PSZ | 99.2 | 221 | Sg | 9:02:56.83 -0.37 | |
| TRPA | 140.3 | 111 | Pn | 9:02:50.16 -0.04 | |
| | | | Sn | 03:07.36 -1.97 | |
| VYHS | 143.6 | 266 | Pn | 9:02:51.03 0.41 | |
| | | | Sn | 03:08.99 -1.08 | |

200.

2021-02-18 time: 9:10:07.26 UTC ML= 1.6
lat: 47.319N lon: 18.476E h= 0.0 km
erh= 1.4km erz= 5.4km
nr= 10 gap=116 rms=0.48
Locality: Pátka
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------------|-----|
| PKSG | 10.4 | 321 | PgU | 9:10:09.23 0.12 | |
| | | | Sg | 10:09.90 -0.66 | |
| CSKK | 17.0 | 287 | Pg | 9:10:10.53 0.23 | |
| | | | Sg | 10:12.09 -0.58 | |
| PKST | 34.1 | 259 | Pg | 9:10:13.94 0.59 | |
| | | | Sg | 10:17.86 -0.23 | |
| MORH | 123.3 | 174 | Sg | 9:10:46.28 -0.17 | |
| PKSM | 123.7 | 174 | Sg | 9:10:46.28 -0.30 | |
| PSZ | 125.7 | 58 | Sg | 9:10:47.69 0.47 | |
| VYHS | 133.4 | 12 | Sn | 9:10:47.48 -1.90 | |

201.

2021-02-18 time: 10:14:30.94 UTC ML= 1.0
lat: 47.191N lon: 18.315E h= 0.0 km
erh= 1.7km erz= 2.5km
nr= 11 gap=122 rms=0.43
Locality: Székesfehérvár
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------------|-----|
| CSKK | 19.6 | 348 | Pg | 10:14:34.36 -0.07 | |
| | | | Sg | 14:36.72 -0.44 | |

Földrengés paraméterek

| Station | Dist | Azm | Phase | Time | Res |
|---------|-------|-----|-------|-------------------|-----|
| PKST | 22.6 | 290 | Pg | 10:14:35.02 0.05 | |
| | | | Sg | 14:37.98 -0.13 | |
| PKSG | 23.1 | 14 | Pg | 10:14:35.17 0.12 | |
| | | | Sg | 14:38.73 0.47 | |
| MORH | 111.3 | 167 | Sg | 10:15:06.42 0.11 | |
| PKSM | 111.7 | 167 | Sg | 10:15:06.20 -0.23 | |
| PSZ | 143.8 | 56 | Sn | 10:15:14.61 -0.76 | |
| VYHS | 150.0 | 15 | Pn | 10:14:57.56 0.88 | |
| | | | Sn | 15:15.66 -1.10 | |

202.

2021-02-18 time: 11:00:36.78 UTC ML= 1.6
lat: 48.173N lon: 16.899E h= 0.0 km
erh= 3.9km erz= ***km
nr= 10 gap=169 rms=0.91
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------------|-----|
| MODS | 35.9 | 51 | Pg | 11:00:43.41 0.22 | |
| | | | Sg | 00:47.98 -0.21 | |
| WINA | 61.9 | 263 | Pg | 11:00:48.60 0.77 | |
| | | | Sg | 00:57.85 1.39 | |
| RONA | 69.2 | 221 | Pg | 11:00:48.75 -0.40 | |
| | | | Sg | 00:57.00 -1.79 | |
| CONA | 82.0 | 251 | Pg | 11:00:52.36 0.94 | |
| | | | Sg | 01:02.90 0.06 | |
| KRUC | 105.6 | 339 | Sg | 11:01:09.26 -1.10 | |
| ABNA | 121.8 | 297 | Sg | 11:01:13.89 -1.61 | |

203.

2021-02-18 time: 11:02:31.04 UTC ML= 1.1
lat: 45.717N lon: 22.070E h= 0.0 km
erh= 2.9km erz= 883km
nr= 6 gap=129 rms=0.54
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------------|-----|
| BZS | 37.1 | 252 | PgU | 11:02:38.09 0.43 | |
| | | | Sg | 02:42.46 -0.36 | |
| GZR | 65.9 | 123 | Pg | 11:02:43.19 0.39 | |
| | | | Sg | 02:50.81 -1.16 | |
| SIRR | 69.0 | 333 | Sg | 11:02:53.10 0.15 | |
| DRGR | 129.3 | 22 | Sg | 11:03:11.48 -0.64 | |

204.

2021-02-18 time: 13:30:34.10 UTC ML= 1.8
lat: 47.078N lon: 19.394E h= 0.0 km
erh= 4.9km erz= ***km
nr= 11 gap=170 rms=0.82
Locality: Tatárszentgyörgy
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------------|-----|
| PKS7 | 18.0 | 259 | Pg | 13:30:37.65 0.33 | |
| | | | Sg | 30:40.01 0.18 | |
| PKB1 | 56.3 | 235 | Pg | 13:30:44.43 0.28 | |
| PKB3 | 74.3 | 192 | Pg | 13:30:49.30 1.93 | |
| PENC | 79.7 | 354 | Pg | 13:30:48.75 0.42 | |
| PKB4 | 88.4 | 223 | Pg | 13:30:50.30 0.40 | |
| PSZ | 100.8 | 22 | Pg | 13:30:51.31 -0.79 | |
| MORH | 111.7 | 211 | Pg | 13:30:53.47 -0.58 | |
| | | | Sg | 31:07.98 -1.63 | |
| PKSM | 112.2 | 211 | Pg | 13:30:53.61 -0.53 | |
| | | | Sg | 31:08.68 -1.09 | |

Földrengés paraméterek

Hypocenter Parameters

205.

2021-02-18 time: 13:55:07.16 UTC ML= 2.0
 lat: 47.095N lon: 19.406E h= 0.0 km
 erh= 3.7km erz= 615km
 nr= 8 gap=189 rms=0.53
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.4 | 254 | Pg | 13:55:11.16 | 0.54 |
| | | | Sg | 55:13.52 | 0.21 |
| PENC | 77.9 | 353 | Pg | 13:55:21.64 | 0.56 |
| PSZ | 98.7 | 22 | Pg | 13:55:24.67 | -0.12 |
| | | | Sg | 55:37.42 | -1.11 |
| PKS9 | 102.9 | 237 | Pg | 13:55:25.47 | -0.06 |
| MORH | 113.8 | 211 | Pg | 13:55:27.39 | -0.09 |
| | | | Sg | 55:41.99 | -1.34 |

206.

2021-02-19 time: 7:55:32.43 UTC ML= 1.3
 lat: 47.023N lon: 18.013E h= 0.0 km
 erh= 2.4km erz= 522km
 nr= 7 gap=188 rms=0.37
 Locality: Balatonalmádi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| TIH | 16.4 | 214 | Sg | 7:55:37.79 | 0.14 |
| PKST | 26.3 | 3 | Pg | 7:55:36.61 | -0.51 |
| | | | Sg | 55:40.72 | -0.07 |
| MPLH | 39.5 | 294 | Pg | 7:55:39.87 | 0.39 |
| | | | Sg | 55:44.44 | -0.55 |
| CSKK | 42.2 | 26 | Pg | 7:55:40.32 | 0.35 |
| | | | Sg | 55:45.80 | -0.05 |

207.

2021-02-19 time: 9:39:11.66 UTC ML= 1.4
 lat: 48.598N lon: 20.818E h= 0.0 km
 erh= 2.1km erz= 3.4km
 nr= 9 gap=134 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 27.7 | 242 | Pg | 9:39:16.86 | 0.25 |
| | | | Sg | 39:19.52 | -0.95 |
| ABAH | 45.8 | 137 | Sg | 9:39:26.20 | -0.03 |
| NIE | 98.5 | 338 | Sg | 9:39:43.07 | 0.12 |
| PSZ | 102.1 | 222 | Pg | 9:39:30.52 | 0.63 |
| | | | Sg | 39:44.73 | 0.62 |
| LANS | 116.6 | 302 | Sg | 9:39:48.44 | -0.27 |
| TRPA | 137.7 | 112 | Sn | 9:39:53.97 | -0.78 |
| PENC | 145.3 | 232 | Sn | 9:39:54.17 | -2.27 |

208.

2021-02-19 time: 11:12:09.55 UTC ML= 1.8
 lat: 45.523N lon: 17.837E h= 1.4 km
 erh= 3.4km erz= 2.6km
 nr= 17 gap=232 rms=0.54
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 51.9 | 39 | Pg | 11:12:18.94 | 0.13 |
| | | | Sg | 12:26.12 | 0.08 |
| KOVH | 66.0 | 18 | Pg | 11:12:21.99 | 0.65 |
| | | | Sg | 12:30.02 | -0.52 |
| PKSM | 98.8 | 39 | Pg | 11:12:26.41 | -0.78 |
| | | | Sg | 12:41.13 | 0.19 |
| MORH | 99.3 | 39 | Pg | 11:12:26.61 | -0.66 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 12:41.18 | 0.08 |
| PKS9 | 123.1 | 16 | Sg | 11:12:48.62 | -0.05 |
| PKB4 | 123.4 | 29 | Pg | 11:12:32.33 | 0.75 |
| | | | Sg | 12:48.36 | -0.40 |
| PTJ | 152.2 | 286 | Sn | 11:12:54.79 | -0.74 |
| PKB1 | 158.4 | 28 | Sn | 11:12:58.56 | 1.65 |
| KOGS | 160.3 | 310 | Sn | 11:12:57.65 | 0.33 |
| PKS6 | 179.4 | 48 | Sn | 11:13:02.07 | 0.50 |
| CRES | 188.5 | 280 | Pn | 11:12:39.98 | 0.07 |
| | | | Sn | 13:03.53 | -0.06 |

209.

2021-02-19 time: 12:01:19.26 UTC ML= 1.4
 lat: 48.377N lon: 19.843E h= 0.0 km
 erh= 1.8km erz= 590km
 nr= 8 gap=104 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.0 | 76 | Pg | 12:01:28.28 | 0.26 |
| | | | Sg | 01:34.49 | -0.35 |
| PSZ | 51.1 | 176 | Pg | 12:01:28.66 | 0.26 |
| | | | Sg | 01:35.29 | -0.23 |
| VYHS | 75.6 | 280 | Sg | 12:01:42.89 | -0.41 |
| ABAH | 103.9 | 95 | Sg | 12:01:51.93 | -0.37 |
| NIE | 120.9 | 17 | Pg | 12:01:41.38 | 0.53 |
| | | | Sg | 01:56.75 | -0.94 |

210.

2021-02-19 time: 13:26:26.32 UTC ML= 1.3
 lat: 46.112N lon: 21.695E h= 0.0 km
 erh= 3.3km erz= 820km
 nr= 7 gap=165 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 17.5 | 351 | Pg | 13:26:29.66 | 0.22 |
| | | | Sg | 26:32.02 | 0.14 |
| BZS | 55.4 | 186 | Pg | 13:26:36.04 | -0.18 |
| | | | Sg | 26:43.03 | -0.91 |
| DRGR | 108.6 | 46 | Sg | 13:26:59.75 | -1.11 |
| GZR | 116.1 | 134 | Pg | 13:26:47.70 | 0.65 |
| | | | Sg | 27:03.56 | 0.34 |

211.

2021-02-20 time: 2:55:29.08 UTC ML= 0.9
 lat: 45.798N lon: 18.088E h= 14.0 km
 erh= 3.2km erz= 1.9km
 nr= 9 gap=310 rms=0.31
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 16.2 | 51 | Pg | 2:55:32.93 | 0.02 |
| | | | Sg | 55:36.74 | 0.84 |
| KOVH | 32.3 | 2 | Pg | 2:55:35.24 | -0.13 |
| | | | Sg | 55:40.36 | 0.08 |
| PKSM | 62.9 | 43 | Pg | 2:55:40.36 | -0.22 |
| | | | Sg | 55:49.50 | -0.06 |
| MORH | 63.4 | 43 | Pg | 2:55:40.37 | -0.30 |
| | | | Sg | 55:49.50 | -0.20 |
| PKB4 | 87.3 | 27 | P* | 2:55:45.31 | 0.52 |

Hypocenter Parameters

Földrengés paraméterek

212.

2021-02-20 time: 20:02:14.26 UTC ML= 2.2
 lat: 45.612N lon: 16.041E h= 8.5 km
 erh= 2.2km erz= 1.8km
 nr= 22 gap=137 rms=0.65
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|--------|
| ZAG | 24.3 | 351 | Pg | 20:02:19.24 | | | 0.38 |
| | | | Sg | | 02:22.94 | | 0.49 |
| PTJ | 32.6 | 349 | Pg | 20:02:20.09 | | | -0.18 |
| | | | Sg | | 02:25.21 | | 0.25 |
| CRES | 51.3 | 298 | Pg | 20:02:23.61 | | | 0.07 |
| | | | Sg | | 02:30.16 | | -0.62 |
| KOGS | 94.3 | 10 | Pg | 20:02:31.03 | | | -0.13 |
| | | | Sg | | 02:43.78 | | -0.57 |
| GROS | 103.1 | 336 | Pg | 20:02:32.28 | | | -0.46 |
| | | | Sg | | 02:45.08 | | -2.07 |
| BLY | 131.5 | 137 | Pn | 20:02:36.65 | | | 0.05 |
| | | | Sn | | 02:53.05 | | -0.97 |
| PERS | 134.3 | 328 | Pn | 20:02:36.86 | | | -0.09 |
| | | | Sn | | 02:54.10 | | -0.56 |
| OBKA | 152.5 | 311 | Pn | 20:02:40.81 | | | 1.59 |
| | | | Sn | | 03:00.13 | | 1.43 |
| KOVH | 168.4 | 72 | Sn | 20:03:01.34 | | | -0.89 |
| PKSV | 174.8 | 80 | Sn | 20:03:02.95 | | | -0.69 |
| TRI | 177.8 | 273 | Sn | 20:03:05.33 | | | 1.03 |
| PKSM | 212.5 | 72 | Sn | 20:03:12.81 | | | 0.81 |
| MORH | 212.8 | 72 | Pn | 20:02:47.58 | | | 0.84 |
| | | | Sn | | 03:13.05 | | 0.97 |
| WTTA | 385.1 | 298 | Pn | 20:03:07.21 | | | -1.01* |
| WATA | 392.8 | 299 | Pn | 20:03:08.54 | | | -0.64* |

213.

2021-02-21 time: 9:28:11.18 UTC ML= 2.0
 lat: 46.624N lon: 21.494E h= 1.1 km
 erh= 2.6km erz= 4.0km
 nr= 14 gap= 83 rms=0.82
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SIRR | 41.6 | 162 | Pg | 9:28:19.67 | | | 1.06 |
| | | | Sg | | 28:25.05 | | 0.64 |
| AMBH | 66.3 | 243 | Pg | 9:28:22.76 | | | -0.27 |
| | | | Sg | | 28:31.61 | | -0.66 |
| LTVH | 90.1 | 20 | Pg | 9:28:27.51 | | | 0.23 |
| | | | Sg | | 28:38.93 | | -0.90 |
| DRGR | 95.0 | 79 | PgD | 9:28:28.36 | | | 0.22 |
| | | | Sg | | 28:40.07 | | -1.30 |
| BZS | 112.3 | 175 | Pg | 9:28:30.75 | | | -0.50 |
| | | | Sg | | 28:44.46 | | -2.43 |
| TRPA | 185.2 | 25 | Sn | 9:29:04.76 | | | 0.20 |
| ABAH | 186.9 | 354 | Pn | 9:28:43.00 | | | 1.61 |
| | | | Sn | | 29:04.53 | | -0.42 |
| PSZ | 188.1 | 320 | Sn | 9:29:05.65 | | | 0.45 |

214.

2021-02-22 time: 9:47:24.10 UTC ML= 1.5
 lat: 48.687N lon: 20.400E h= 0.0 km
 erh= 3.0km erz= 823km
 nr= 10 gap=178 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| KECS | 23.5 | 164 | Pg | 9:47:28.39 | | | 0.09 |
| | | | Sg | | 47:31.51 | | -0.07 |
| ABAH | 75.8 | 125 | Pg | 9:47:38.01 | | | 0.38 |
| | | | Sg | | 47:47.14 | | -1.04 |
| LANS | 85.6 | 307 | Pg | 9:47:39.46 | | | 0.07 |

| | | | | | | | |
|------|-------|-----|----|------------|--|--|-------|
| | | | Sg | 47:50.11 | | | -1.20 |
| PSZ | 93.3 | 204 | Pg | 9:47:41.09 | | | 0.32 |
| | | | Sg | 47:53.04 | | | -0.73 |
| VYHS | 117.4 | 259 | Pg | 9:47:46.16 | | | 1.10 |
| | | | Sg | 48:00.57 | | | -0.84 |

215.

2021-02-22 time: 9:48:17.16 UTC ML= 1.4
 lat: 47.335N lon: 18.415E h= 0.0 km
 erh= 1.8km erz= 5.6km
 nr= 9 gap=158 rms=0.49
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 6.6 | 344 | Pg | 9:48:18.60 | | | 0.26 |
| | | | Sg | | 48:19.05 | | -0.21 |
| CSKK | 12.1 | 285 | Pg | 9:48:19.70 | | | 0.38 |
| | | | Sg | | 48:20.81 | | -0.20 |
| PKST | 30.0 | 254 | Pg | 9:48:23.02 | | | 0.50 |
| | | | Sg | | 48:26.13 | | -0.57 |
| MORH | 125.6 | 172 | Sg | 9:48:56.73 | | | -0.35 |
| PKSM | 126.0 | 172 | Sg | 9:48:56.58 | | | -0.63 |
| VYHS | 132.7 | 14 | Sn | 9:48:57.08 | | | -2.05 |

216.

2021-02-22 time: 9:49:42.11 UTC ML= 1.9
 lat: 45.625N lon: 17.338E h= 0.0 km
 erh= 2.0km erz= 3.9km
 nr= 17 gap=119 rms=0.74
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSV | 77.0 | 68 | Pg | 9:49:56.94 | | | 1.08 |
| | | | Sg | | 50:06.45 | | -0.13 |
| KOVH | 78.5 | 49 | Pg | 9:49:56.64 | | | 0.51 |
| | | | Sg | | 50:07.04 | | -0.02 |
| BLY | 98.1 | 187 | Pg | 9:50:00.13 | | | 0.50 |
| | | | Sg | | 50:12.55 | | -0.74 |
| BEHE | 103.6 | 335 | Sg | 9:50:16.52 | | | 1.49 |
| PTJ | 111.6 | 286 | Pg | 9:50:01.81 | | | -0.23 |
| | | | Sg | | 50:15.86 | | -1.73 |
| PKSM | 120.4 | 57 | Pg | 9:50:03.44 | | | -0.17 |
| | | | Sg | | 50:19.48 | | -0.89 |
| MORH | 120.8 | 57 | Pg | 9:50:03.20 | | | -0.48 |
| | | | Sg | | 50:19.32 | | -1.19 |
| KOGS | 124.4 | 317 | Pg | 9:50:04.51 | | | 0.19 |
| | | | Sg | | 50:20.29 | | -1.35 |
| PKB4 | 137.8 | 45 | Pn | 9:50:07.06 | | | 0.73 |
| | | | Sn | | 50:24.83 | | -0.39 |

217.

2021-02-22 time: 11:35:42.68 UTC ML= 1.5
 lat: 47.566N lon: 18.442E h= 0.0 km
 erh= 1.9km erz= 2.8km
 nr= 15 gap= 94 rms=0.65
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKSG | 19.8 | 191 | Pg | 11:35:46.39 | | | 0.18 |
| | | | Sg | | 35:48.99 | | 0.02 |
| CSKK | 26.4 | 211 | Pg | 11:35:47.61 | | | 0.21 |
| | | | Sg | | 35:51.38 | | 0.30 |
| BUD | 44.8 | 102 | Sg | 11:35:57.36 | | | 0.45 |
| PKST | 46.0 | 222 | Pg | 11:35:51.51 | | | 0.62 |
| | | | Sg | | 35:56.85 | | -0.45 |
| PENC | 67.8 | 68 | Sg | 11:36:03.57 | | | -0.66 |
| VYHS | 107.3 | 16 | Pg | 11:36:02.68 | | | 0.85 |
| | | | Sg | | 36:15.71 | | -1.06 |
| PKB4 | 119.6 | 174 | Sg | 11:36:19.75 | | | -0.94 |

Földrengés paraméterek

Hypocenter Parameters

MODS 125.0 316 Sg 11:36:21.10 -1.31
 MORH 150.9 174 Sn 11:36:27.79 -0.91
 PKSM 151.3 174 Sn 11:36:28.23 -0.56
 PKSV 187.1 184 Sn 11:36:37.61 0.89

218.

2021-02-22 time: 12:13:37.80 UTC ML= 1.1
 lat: 47.883N lon: 16.069E h= 0.0 km
 erh= 1.3km erz= 2.4km
 nr= 12 gap=148 rms=0.51
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.3 | 288 | Pg | 12:13:40.47 | -0.24 |
| | | | Sg | 13:42.91 | -0.07 |
| WINA | 24.9 | 1 | Pg | 12:13:42.88 | 0.63 |
| | | | Sg | 13:46.53 | 0.81 |
| RONA | 26.6 | 140 | Pg | 12:13:42.91 | 0.37 |
| | | | Sg | 13:46.32 | 0.07 |
| ABNA | 99.5 | 332 | Pg | 12:13:55.45 | -0.11 |
| | | | Sg | 14:09.07 | -0.35 |
| MODS | 105.2 | 59 | Sg | 12:14:10.60 | -0.63 |
| SMOL | 123.0 | 55 | Sg | 12:14:17.33 | 0.43 |
| KRUC | 133.3 | 10 | Sn | 12:14:18.25 | -1.65 |
| MPLH | 136.2 | 126 | Sn | 12:14:19.67 | -0.87 |

219.

2021-02-22 time: 14:36:32.35 UTC ML= 2.7
 lat: 45.534N lon: 16.148E h= 8.7 km
 erh= 2.4km erz= 1.7km
 nr= 27 gap=139 rms=0.69
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 34.9 | 340 | Pg | 14:36:39.36 | 0.58 |
| | | | Sg | 36:44.71 | 0.92 |
| PTJ | 43.3 | 340 | Pg | 14:36:40.33 | 0.09 |
| | | | Sg | 36:46.43 | 0.04 |
| CRES | 62.9 | 301 | Pg | 14:36:42.70 | -0.99 |
| KOGS | 101.9 | 4 | Pg | 14:36:50.13 | -0.49 |
| | | | Sg | 37:03.94 | -0.93 |
| GROS | 114.6 | 334 | Pn | 14:36:52.06 | -0.50 |
| | | | Sn | 37:07.06 | -1.26 |
| BEHE | 114.8 | 25 | Pn | 14:36:53.09 | 0.50 |
| | | | Sn | 37:08.13 | -0.25 |
| BLY | 119.4 | 137 | Pn | 14:36:52.72 | -0.44 |
| | | | Sn | 37:07.48 | -1.91 |
| PERS | 146.2 | 327 | Pn | 14:36:56.65 | 0.15 |
| SOKA | 153.7 | 326 | Pn | 14:36:57.58 | 0.15 |
| | | | Sn | 37:17.23 | 0.23 |
| KOVH | 163.7 | 68 | Pn | 14:36:58.35 | -0.34 |
| | | | Sn | 37:20.15 | 0.92 |
| OBKA | 164.6 | 311 | Pn | 14:36:59.36 | 0.56 |
| | | | Sn | 37:18.96 | -0.47 |
| PKSV | 168.5 | 76 | Pn | 14:36:59.57 | 0.29 |
| | | | Sn | 37:21.37 | 1.08 |
| TRI | 187.0 | 276 | Pn | 14:37:03.21 | 1.62 |
| PKSM | 207.7 | 69 | Pn | 14:37:04.73 | 0.56 |
| | | | Sn | 37:30.05 | 1.05 |
| MORH | 208.1 | 69 | Sn | 14:37:32.49 | 3.41* |
| CONA | 267.1 | 355 | Pn | 14:37:12.26 | 0.68 |
| | | | Sn | 37:41.81 | -0.36 |

220.

2021-02-23 time: 7:56:31.21 UTC ML= 0.9
 lat: 47.326N lon: 18.297E h= 0.0 km
 erh= 1.5km erz= 287km
 nr= 5 gap=206 rms=0.14
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.0 | 326 | Sg | 7:56:32.95 | 0.15 |
| PKSG | 10.2 | 44 | Pg | 7:56:33.11 | 0.08 |
| | | | Sg | 56:34.09 | -0.36 |
| PKST | 21.2 | 250 | Pg | 7:56:35.00 | 0.01 |
| | | | Sg | 56:37.88 | -0.07 |

221.

2021-02-23 time: 9:28:42.26 UTC ML= 1.6
 lat: 47.332N lon: 18.415E h= 0.0 km
 erh= 1.5km erz= 4.3km
 nr= 9 gap=112 rms=0.56
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.9 | 345 | Pg | 9:28:43.84 | 0.36 |
| | | | Sg | 28:44.31 | -0.13 |
| CSKK | 12.1 | 286 | Pg | 9:28:45.19 | 0.76 |
| | | | Sg | 28:45.91 | -0.21 |
| PKST | 29.9 | 254 | Sg | 9:28:51.35 | -0.41 |
| MORH | 125.3 | 172 | Sg | 9:29:21.98 | -0.12 |
| PKSM | 125.7 | 172 | Sg | 9:29:21.73 | -0.50 |
| PSZ | 128.9 | 60 | Sg | 9:29:22.99 | -0.25 |
| VYHS | 133.0 | 14 | Sn | 9:29:22.43 | -1.86 |

222.

2021-02-23 time: 10:00:42.61 UTC ML= 1.3
 lat: 47.855N lon: 19.103E h= 0.0 km
 erh= 2.1km erz= 775km
 nr= 11 gap=114 rms=0.62
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 15.2 | 118 | Pg | 10:00:45.30 | -0.03 |
| | | | Sg | 00:48.41 | 0.96 |
| PSZ | 59.7 | 83 | Pg | 10:00:53.33 | 0.07 |
| | | | Sg | 01:01.17 | -0.40 |
| VYHS | 73.7 | 344 | Pg | 10:00:57.10 | 1.33 |
| | | | Sg | 01:05.48 | -0.56 |
| PKSG | 74.3 | 226 | Sg | 10:01:06.04 | -0.18 |
| PKST | 104.2 | 230 | Pg | 10:01:01.12 | -0.09 |
| | | | Sg | 01:15.07 | -0.66 |
| KECS | 124.3 | 56 | ePg | 10:01:04.30 | -0.51 |
| | | | eSg | 01:20.90 | -1.23 |

223.

2021-02-23 time: 10:10:41.19 UTC ML= 1.9
 lat: 48.211N lon: 21.253E h= 0.0 km
 erh= 1.6km erz= 2.2km
 nr= 14 gap=107 rms=0.51
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 9.5 | 354 | PgU | 10:10:42.85 | -0.04 |
| | | | Sg | 10:43.80 | -0.41 |
| KECS | 64.4 | 298 | Pg | 10:10:52.74 | 0.05 |
| | | | Sg | 11:00.55 | -1.11 |
| TRPA | 96.1 | 95 | Pg | 10:10:58.74 | 0.38 |
| | | | Sg | 11:11.04 | -0.70 |
| PSZ | 106.3 | 252 | Pg | 10:11:00.40 | 0.22 |
| | | | Sg | 11:14.51 | -0.48 |
| KOLS | 110.1 | 43 | ePg | 10:11:01.60 | 0.75 |
| | | | eSg | 11:16.40 | 0.22 |
| NIE | 151.0 | 333 | Sn | 10:11:26.97 | -0.25 |
| VYHS | 181.8 | 280 | Sn | 10:11:35.11 | 1.04 |
| DRGR | 192.3 | 145 | Pn | 10:11:12.35 | 0.14 |
| | | | Sn | 11:34.99 | -1.41 |

Hypocenter Parameters

Földrengés paraméterek

224.
 2021-02-23 time: 10:38:34.16 UTC ML= 0.8
 lat: 47.206N lon: 18.263E h= 0.0 km
 erh= 1.1km erz= 272km
 nr= 7 gap=140 rms=0.19
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|----------|-------|
| CSKK | 17.5 | 359 | Pg | 10:38:37.41 | | | 0.13 |
| | | | Sg | | | 38:39.46 | -0.25 |
| PKST | 18.3 | 289 | Pg | 10:38:37.46 | | | 0.04 |
| | | | Sg | | | 38:39.92 | -0.05 |
| PKSG | 22.8 | 25 | Pg | 10:38:38.41 | | | 0.18 |
| | | | Sg | | | 38:41.27 | -0.14 |
| MORH | 113.9 | 165 | Sg | 10:39:09.79 | | | -0.57 |

225.
 2021-02-23 time: 11:01:59.15 UTC ML= 1.5
 lat: 48.421N lon: 18.438E h= 0.0 km
 erh= 3.1km erz= 4.1km
 nr= 16 gap= 73 rms=1.28
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|----------|-------|
| VYHS | 30.5 | 75 | Pg | 11:02:05.22 | | | 0.61 |
| | | | Sg | | | 02:08.63 | -0.23 |
| MODS | 86.1 | 266 | Pg | 11:02:16.06 | | | 1.53 |
| | | | Sg | | | 02:25.50 | -1.03 |
| PENC | 94.2 | 138 | Pg | 11:02:18.67 | | | 2.70 |
| | | | Sg | | | 02:29.12 | 0.04 |
| LANS | 110.9 | 43 | Sg | 11:02:33.94 | | | -0.48 |
| PKSG | 114.5 | 182 | Pg | 11:02:19.77 | | | 0.17 |
| | | | Sg | | | 02:34.53 | -1.02 |
| CSKK | 118.4 | 186 | Sg | 11:02:35.74 | | | -1.04 |
| PSZ | 121.9 | 117 | Pg | 11:02:21.48 | | | 0.55 |
| | | | Sg | | | 02:34.54 | -3.37 |
| PKST | 132.7 | 193 | Pn | 11:02:22.28 | | | -0.46 |
| | | | Sn | | | 02:38.55 | -2.58 |
| KECS | 151.6 | 87 | Sn | 11:02:44.58 | | | -0.75 |
| MORC | 164.3 | 337 | Sn | 11:02:47.59 | | | -0.56 |

226.
 2021-02-23 time: 15:12:29.19 UTC ML= 1.8
 lat: 47.072N lon: 19.409E h= 0.0 km
 erh= 3.0km erz= 581km
 nr= 8 gap=190 rms=0.41
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|----------|-------|
| PKS7 | 19.1 | 262 | Pg | 15:12:32.50 | | | -0.09 |
| | | | Sg | | | 12:35.01 | -0.24 |
| PENC | 80.5 | 353 | Pg | 15:12:44.05 | | | 0.49 |
| PSZ | 101.0 | 21 | Pg | 15:12:46.66 | | | -0.56 |
| | | | Sg | | | 13:01.22 | -0.06 |
| MORH | 111.7 | 212 | Pg | 15:12:49.52 | | | 0.38 |
| PKSM | 112.2 | 212 | Pg | 15:12:49.52 | | | 0.29 |
| | | | Sg | | | 13:04.03 | -0.83 |

227.
 2021-02-23 time: 15:22:46.08 UTC ML= 1.4
 lat: 47.773N lon: 16.174E h= 13.8 km
 erh= 3.4km erz= 1.5km
 nr= 12 gap=175 rms=0.57
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|----------|-------|
| RONA | 12.3 | 132 | Pg | 15:22:49.49 | | | 0.11 |
| | | | Sg | | | 22:51.31 | -0.65 |
| CONA | 29.1 | 306 | Pg | 15:22:52.01 | | | 0.18 |
| | | | Sg | | | 22:55.65 | -0.67 |
| WINA | 37.9 | 349 | Pg | 15:22:53.84 | | | 0.55 |
| | | | Sg | | | 22:58.41 | -0.50 |
| MODS | 105.9 | 51 | Sn | 15:23:18.42 | | | -0.54 |
| ABNA | 114.0 | 331 | Pn | 15:23:05.99 | | | 0.43 |
| | | | Sn | | | 23:19.34 | -1.41 |
| MPLH | 122.8 | 123 | Sn | 15:23:22.56 | | | -0.15 |
| KRUC | 144.2 | 7 | Pn | 15:23:10.29 | | | 0.96 |
| | | | Sn | | | 23:27.36 | -0.11 |

228.
 2021-02-23 time: 15:26:17.80 UTC ML= 1.9
 lat: 47.077N lon: 19.410E h= 0.0 km
 erh= 1.7km erz= 307km
 nr= 7 gap=190 rms=0.20
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|----------|-------|
| PKS7 | 19.2 | 260 | Pg | 15:26:21.20 | | | -0.03 |
| | | | Sg | | | 26:23.92 | 0.01 |
| PENC | 79.9 | 353 | Pg | 15:26:32.25 | | | 0.19 |
| PSZ | 100.4 | 21 | Pg | 15:26:35.46 | | | -0.27 |
| MORH | 112.3 | 211 | Pg | 15:26:37.92 | | | 0.07 |
| | | | Sg | | | 26:52.13 | -1.36 |
| PKSM | 112.8 | 211 | Pg | 15:26:38.07 | | | 0.13 |

229.
 2021-02-24 time: 4:02:43.75 UTC ML= 2.1
 lat: 45.588N lon: 16.071E h= 4.2 km
 erh= 1.9km erz= 1.8km
 nr= 22 gap=137 rms=0.56
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|----------|-------|
| ZAG | 27.5 | 347 | Pg | 4:02:48.96 | | | 0.24 |
| | | | Sg | | | 02:53.13 | 0.53 |
| PTJ | 35.8 | 346 | Pg | 4:02:49.88 | | | -0.32 |
| | | | Sg | | | 02:55.07 | -0.15 |
| CRES | 54.7 | 299 | Pg | 4:02:53.29 | | | -0.26 |
| | | | Sg | | | 03:00.87 | -0.31 |
| KOGS | 96.7 | 8 | Pg | 4:03:01.34 | | | 0.31 |
| | | | Sg | | | 03:14.22 | -0.29 |
| GROS | 106.6 | 336 | Pg | 4:03:03.18 | | | 0.37 |
| | | | Sg | | | 03:16.29 | -1.38 |
| BEHE | 112.3 | 29 | Pg | 4:03:03.87 | | | 0.06 |
| | | | Sg | | | 03:18.75 | -0.71 |
| BLY | 127.8 | 137 | Pn | 4:03:06.02 | | | -0.17 |
| | | | Sn | | | 03:21.73 | -1.96 |
| SOKA | 145.4 | 326 | Sn | 4:03:27.11 | | | -0.46 |
| OBKA | 156.1 | 311 | Pn | 4:03:10.24 | | | 0.53 |
| | | | Sn | | | 03:29.78 | -0.18 |
| PKSV | 173.0 | 79 | Pn | 4:03:12.56 | | | 0.74 |
| | | | Sn | | | 03:32.71 | -1.01 |
| TRI | 180.3 | 274 | Sn | 4:03:36.58 | | | 1.25 |
| PKSM | 211.2 | 71 | Sn | 4:03:43.47 | | | 1.28 |
| MORH | 211.6 | 71 | Sn | 4:03:43.77 | | | 1.50 |

230.
 2021-02-24 time: 10:23:33.41 UTC ML= 0.8
 lat: 47.200N lon: 18.282E h= 0.0 km
 erh= 0.8km erz= 8.3km
 nr= 9 gap=145 rms=0.22
 Locality: Csór
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| CSKK | 18.2 | 355 | Pg | 10:23:36.85 | 0.18 |
| | | | Sg | 23:39.11 | -0.10 |
| PKST | 19.9 | 289 | Pg | 10:23:36.95 | -0.01 |
| | | | Sg | 23:39.71 | -0.03 |
| PKSG | 22.9 | 21 | Pg | 10:23:37.35 | -0.15 |
| | | | Sg | 23:40.82 | 0.14 |
| MORH | 112.8 | 166 | Sg | 10:24:08.89 | -0.38 |
| PKSM | 113.2 | 166 | Sg | 10:24:09.79 | 0.40 |
| VYHS | 149.8 | 16 | Sn | 10:24:16.82 | -2.35* |

231.

2021-02-24 time: 10:38:47.82 UTC ML= 1.7
 lat: 48.545N lon: 20.755E h= 0.0 km
 erh= 2.4km erz= 3.3km
 nr= 15 gap= 95 rms=0.90
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.1 | 251 | Pg | 10:38:51.72 | 0.13 |
| | | | Sg | 38:54.97 | 0.45 |
| ABAH | 45.3 | 128 | Pg | 10:38:55.86 | -0.05 |
| | | | Sg | 39:02.38 | 0.16 |
| PSZ | 94.6 | 223 | Pg | 10:39:05.03 | 0.32 |
| | | | Sg | 39:18.38 | 0.50 |
| NIE | 102.4 | 342 | Pg | 10:39:07.12 | 1.00 |
| | | | Sg | 39:19.39 | -1.00 |
| LANS | 116.0 | 305 | Pg | 10:39:07.39 | -1.16 |
| KOLS | 119.7 | 69 | ePg | 10:39:11.00 | 1.80 |
| | | | eSg | 39:24.40 | -1.47 |
| TRPA | 140.1 | 109 | Pn | 10:39:12.96 | 0.64 |
| | | | Sn | 39:29.43 | -2.00 |
| VYHS | 141.9 | 268 | Pn | 10:39:12.26 | -0.29 |
| | | | Sn | 39:30.23 | -1.61 |

232.

2021-02-24 time: 11:49:37.10 UTC ML= 1.5
 lat: 46.049N lon: 22.094E h= 0.0 km
 erh= 2.5km erz= 823km
 nr= 8 gap=114 rms=0.58
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| SIRR | 41.4 | 306 | Pg | 11:49:45.15 | 0.65 |
| | | | Sg | 49:49.83 | -0.44 |
| BZS | 60.7 | 218 | Pg | 11:49:48.00 | 0.06 |
| | | | Sg | 49:55.53 | -0.85 |
| GZR | 90.2 | 144 | Pg | 11:49:54.03 | 0.82 |
| | | | Sg | 50:04.90 | -0.87 |
| DRGR | 95.3 | 30 | Pg | 11:49:53.90 | -0.22 |
| | | | Sg | 50:06.93 | -0.46 |

233.

2021-02-24 time: 12:16:46.69 UTC ML= 1.7
 lat: 47.322N lon: 18.452E h= 0.0 km
 erh= 2.1km erz= 4.8km
 nr= 9 gap=115 rms=0.62
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 9.1 | 329 | PgU | 12:16:48.25 | -0.06 |
| | | | Sg | 16:48.47 | -1.11 |
| CSKK | 15.2 | 288 | Pg | 12:16:49.78 | 0.37 |
| | | | Sg | 16:51.23 | -0.30 |
| PKST | 32.4 | 258 | Pg | 12:16:53.02 | 0.54 |
| MORH | 123.8 | 173 | Sg | 12:17:26.23 | 0.18 |
| PKSM | 124.2 | 173 | Sg | 12:17:25.72 | -0.47 |
| PSZ | 127.1 | 59 | Sg | 12:17:27.96 | 0.88 |
| VYHS | 133.4 | 12 | Sn | 12:17:27.25 | -1.58 |

234.

2021-02-24 time: 14:10:01.07 UTC ML= 1.8
 lat: 47.070N lon: 19.396E h= 0.0 km
 erh= 3.1km erz= 611km
 nr= 8 gap=189 rms=0.48
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.0 | 262 | Pg | 14:10:05.03 | 0.75 |
| | | | Sg | 10:06.66 | -0.13 |
| PENC | 80.5 | 354 | Pg | 14:10:15.77 | 0.32 |
| PSZ | 101.5 | 22 | Pg | 14:10:18.52 | -0.67 |
| MORH | 111.0 | 211 | Pg | 14:10:20.96 | 0.06 |
| | | | Sg | 10:35.82 | -0.54 |
| PKSM | 111.5 | 211 | Pg | 14:10:21.16 | 0.17 |
| | | | Sg | 10:35.87 | -0.65 |

235.

2021-02-24 time: 14:17:39.33 UTC ML= 1.8
 lat: 47.073N lon: 19.424E h= 0.0 km
 erh= 2.3km erz= 441km
 nr= 8 gap=191 rms=0.33
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.2 | 262 | Pg | 14:17:42.84 | -0.10 |
| | | | Sg | 17:45.49 | -0.27 |
| PENC | 80.5 | 352 | Pg | 14:17:53.84 | 0.15 |
| PSZ | 100.4 | 21 | Pg | 14:17:57.09 | -0.17 |
| MORH | 112.5 | 212 | Pg | 14:17:59.79 | 0.37 |
| | | | Sg | 18:14.50 | -0.59 |
| PKSM | 113.0 | 212 | Pg | 14:17:59.94 | 0.43 |
| | | | Sg | 18:14.70 | -0.54 |

236.

2021-02-24 time: 15:06:14.04 UTC ML= 1.8
 lat: 48.367N lon: 19.854E h= 0.0 km
 erh= 2.0km erz= 782km
 nr= 12 gap= 95 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 48.5 | 75 | Pg | 15:06:23.33 | 0.63 |
| | | | Sg | 06:29.56 | 0.10 |
| PSZ | 50.0 | 177 | Pg | 15:06:23.53 | 0.57 |
| | | | Sg | 06:29.56 | -0.36 |
| VYHS | 76.6 | 281 | Sg | 15:06:38.19 | -0.20 |
| PENC | 77.0 | 214 | Sg | 15:06:37.59 | -0.91 |
| ABAH | 103.1 | 94 | Pg | 15:06:32.67 | 0.23 |
| | | | Sg | 06:44.92 | -1.88 |
| A338 | 118.3 | 251 | Pg | 15:06:35.58 | 0.42 |
| | | | Sg | 06:50.94 | -0.69 |
| NIE | 121.7 | 16 | Pg | 15:06:35.98 | 0.20 |
| | | | Sg | 06:51.35 | -1.38 |

237.

2021-02-25 time: 0:21:44.39 UTC ML= 1.2
 lat: 45.736N lon: 18.044E h= 11.7 km
 erh= 3.9km erz= 5.1km
 nr= 10 gap=323 rms=0.39
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| PKSV | 23.4 | 44 | Pg | 0:21:49.30 | 0.24 |
| | | | Sg | 21:53.22 | 0.51 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|------|----|----|------------|-------|
| KOVH | 39.4 | 6 | Pg | 0:21:51.71 | -0.02 |
| | | | Sg | 21:57.09 | -0.37 |
| PKSM | 70.3 | 41 | Pg | 0:21:56.88 | -0.23 |
| | | | Sg | 22:06.27 | -0.77 |
| MORH | 70.8 | 41 | Pg | 0:21:56.98 | -0.21 |
| | | | Sg | 22:06.77 | -0.42 |
| PKB4 | 95.0 | 27 | Pg | 0:22:01.85 | 0.38 |
| | | | Sg | 22:15.71 | 0.91 |

238.

2021-02-25 time: 8:03:09.21 UTC ML= 1.4
 lat: 47.993N lon: 20.704E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 6 gap=135 rms=0.77
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 52.1 | 50 | Pg | 8:03:19.48 | 0.96 |
| | | | Sg | 03:25.56 | -0.22 |
| KECS | 56.8 | 343 | Pg | 8:03:19.58 | 0.22 |
| | | | Sg | 03:26.06 | -1.22 |
| PSZ | 61.1 | 262 | Sg | 8:03:28.72 | 0.10 |
| LTVH | 112.4 | 127 | Sg | 8:03:43.74 | -1.21 |

239.

2021-02-25 time: 9:08:13.49 UTC ML= 1.5
 lat: 47.344N lon: 18.441E h= 0.0 km
 erh= 1.2km erz= 1.9km
 nr= 10 gap=113 rms=0.51
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.5 | 324 | Pg | 9:08:14.75 | 0.09 |
| | | | Sg | 08:15.30 | -0.26 |
| CSKK | 13.8 | 279 | Pg | 9:08:16.35 | 0.39 |
| | | | Sg | 08:17.51 | -0.37 |
| PKST | 32.2 | 253 | Pg | 9:08:19.89 | 0.65 |
| | | | Sg | 08:23.60 | -0.12 |
| PSZ | 126.5 | 60 | Sg | 9:08:53.71 | 0.00 |
| PKSM | 126.8 | 173 | Sg | 9:08:53.73 | -0.07 |
| VYHS | 131.2 | 13 | Sn | 9:08:53.83 | -1.30 |
| KOVH | 142.0 | 191 | Sn | 9:08:56.42 | -1.12 |

240.

2021-02-25 time: 10:02:16.15 UTC ML= 0.6
 lat: 47.191N lon: 18.312E h= 0.0 km
 erh= 2.2km erz= 616km
 nr= 8 gap=152 rms=0.44
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 19.6 | 349 | Pg | 10:02:19.83 | 0.19 |
| | | | Sg | 02:21.66 | -0.70 |
| PKST | 22.3 | 290 | Pg | 10:02:20.43 | 0.30 |
| | | | Sg | 02:22.84 | -0.40 |
| PKSG | 23.1 | 15 | Pg | 10:02:20.88 | 0.60 |
| | | | Sg | 02:22.89 | -0.61 |
| MORH | 111.3 | 167 | Sg | 10:02:51.31 | -0.22 |
| PKSM | 111.7 | 167 | Sg | 10:02:51.34 | -0.31 |

241.

2021-02-25 time: 10:11:36.72 UTC ML= 1.9
 lat: 48.396N lon: 19.091E h= 5.3 km
 erh= 1.4km erz= 1.5km
 nr= 22 gap= 55 rms=0.65
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 21.8 | 300 | Pg | 10:11:40.96 | 0.24 |
| | | | Sg | 11:44.07 | 0.24 |
| PENC | 68.9 | 168 | Sg | 10:11:58.68 | 0.01 |
| A338 | 69.4 | 232 | Sg | 10:11:59.43 | 0.60 |
| PSZ | 80.0 | 132 | Pg | 10:11:51.20 | 0.16 |
| | | | Sg | 12:01.74 | -0.46 |
| SRO | 86.9 | 222 | Sg | 10:12:03.60 | -0.80 |
| LANS | 88.3 | 18 | Pg | 10:11:52.91 | 0.39 |
| | | | Sg | 12:03.90 | -0.94 |
| KECS | 103.6 | 85 | Pg | 10:11:54.53 | -0.72 |
| | | | Sg | 12:08.92 | -0.78 |
| PKSG | 123.4 | 205 | Pn | 10:11:58.44 | -0.02 |
| | | | Sn | 12:14.81 | -0.60 |
| SMOL | 123.7 | 276 | Sn | 10:12:14.61 | -0.87 |
| CSKK | 130.6 | 208 | Pn | 10:11:59.75 | 0.39 |
| | | | Sn | 12:17.02 | 0.00 |
| MODS | 134.4 | 269 | Sn | 10:12:16.72 | -1.13 |
| NIE | 144.8 | 38 | Pn | 10:12:02.26 | 1.14 |
| | | | Sn | 12:20.52 | 0.36 |
| PKST | 149.2 | 212 | Sn | 10:12:21.48 | 0.34 |
| ABAH | 159.7 | 94 | Pn | 10:12:04.61 | 1.63 |
| MORC | 190.7 | 324 | Sn | 10:12:29.71 | -0.64 |

242.

2021-02-25 time: 11:03:09.23 UTC ML= 1.5
 lat: 48.561N lon: 20.743E h= 0.0 km
 erh= 1.8km erz= 3.1km
 nr= 8 gap=117 rms=0.56
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 20.9 | 246 | Pg | 11:03:13.11 | 0.14 |
| | | | Sg | 03:15.92 | 0.04 |
| ABAH | 47.1 | 129 | Pg | 11:03:17.78 | 0.14 |
| | | | Sg | 03:24.46 | 0.26 |
| NIE | 100.4 | 342 | Pg | 11:03:27.77 | 0.60 |
| KOLS | 119.9 | 70 | ePg | 11:03:30.20 | -0.44 |
| | | | eSg | 03:45.10 | -2.23 |
| VYHS | 141.1 | 267 | Sn | 11:03:51.67 | -1.39 |

243.

2021-02-25 time: 11:34:05.04 UTC ML= 0.9
 lat: 48.458N lon: 19.534E h= 0.0 km
 erh= 2.3km erz= 5.6km
 nr= 8 gap= 82 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 51.8 | 274 | Pg | 11:34:14.63 | 0.35 |
| | | | Sg | 34:21.35 | -0.14 |
| PSZ | 65.8 | 156 | Pg | 11:34:17.79 | 1.01 |
| | | | Sg | 34:25.60 | -0.34 |
| KECS | 70.4 | 88 | Sg | 11:34:26.58 | -0.84 |
| LANS | 77.1 | 356 | Sg | 11:34:28.79 | -0.77 |
| NIE | 121.1 | 28 | Sg | 11:34:44.00 | 0.46 |
| PKSG | 146.2 | 216 | Sn | 11:34:48.27 | -1.73 |

244.

2021-02-25 time: 13:08:41.44 UTC ML= 0.9
 lat: 45.895N lon: 18.670E h= 0.0 km
 erh= 2.8km erz= 424km
 nr= 7 gap=272 rms=0.28
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 32.5 | 269 | Pg | 13:08:46.89 | -0.34 |
| | | | Sg | 08:51.97 | 0.21 |

Földrengés paraméterek

Hypocenter Parameters

PKSM 35.3 356 Pg 13:08:47.90 0.17
 Sg 08:52.37 -0.27
 MORH 35.7 357 Pg 13:08:48.06 0.25
 Sg 08:52.37 -0.41
 KOVH 49.1 296 Sg 13:08:57.33 0.28

245.

2021-02-25 time: 14:39:36.61 UTC ML= 1.8
 lat: 47.082N lon: 19.396E h= 0.0 km
 erh= 2.3km erz= 409km
 nr= 7 gap=189 rms=0.30
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.2 | 258 | Pg | 14:39:39.96 | 0.10 |
| | | | Sg | 39:42.52 | 0.12 |
| PENC | 79.3 | 354 | Pg | 14:39:51.15 | 0.39 |
| PSZ | 100.3 | 22 | Pg | 14:39:54.07 | -0.45 |
| MORH | 112.1 | 211 | Pg | 14:39:56.83 | 0.20 |
| PKSM | 112.6 | 211 | Pg | 14:39:56.63 | -0.09 |
| | | | Sg | 40:11.89 | -0.52 |

246.

2021-02-25 time: 14:56:16.45 UTC ML= 1.9
 lat: 47.070N lon: 19.452E h= 0.0 km
 erh= 2.6km erz= 525km
 nr= 9 gap=194 rms=0.41
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.2 | 263 | Pg | 14:56:20.20 | -0.23 |
| | | | Sg | 56:23.22 | -0.31 |
| PENC | 81.1 | 351 | Pg | 14:56:31.40 | 0.46 |
| PSZ | 100.0 | 19 | Pg | 14:56:34.51 | 0.19 |
| | | | Sg | 56:47.27 | -0.98 |
| MORH | 113.3 | 213 | Pg | 14:56:37.23 | 0.54 |
| | | | Sg | 56:51.99 | -0.49 |
| PKSM | 113.8 | 213 | Pg | 14:56:36.72 | -0.06 |
| | | | Sg | 56:52.34 | -0.29 |

247.

2021-02-26 time: 1:58:55.06 UTC ML= 2.4
 lat: 45.501N lon: 16.136E h= 9.5 km
 erh= 2.4km erz= 1.7km
 nr= 31 gap=142 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 38.1 | 343 | Pg | 1:59:02.37 | 0.30 |
| | | | Sg | 59:07.87 | 0.32 |
| PTJ | 46.5 | 343 | Pg | 1:59:03.36 | -0.17 |
| | | | Sg | 59:09.64 | -0.50 |
| CRES | 64.1 | 304 | Pg | 1:59:06.13 | -0.50 |
| | | | Sg | 59:14.50 | -1.15 |
| KOGS | 105.7 | 5 | P* | 1:59:13.48 | -0.52 |
| | | | S* | 59:27.84 | -0.93 |
| BLY | 117.4 | 135 | Pn | 1:59:15.12 | -0.40 |
| | | | Sn | 59:29.97 | -1.51 |
| GROS | 117.5 | 335 | Pn | 1:59:15.83 | 0.30 |
| | | | Sn | 59:30.09 | -1.41 |
| BEHE | 118.6 | 25 | Pn | 1:59:15.89 | 0.22 |
| PERS | 148.8 | 328 | Pn | 1:59:20.95 | 1.52 |
| | | | Sn | 59:37.78 | -0.67 |
| SOKA | 156.2 | 327 | Pn | 1:59:20.90 | 0.54 |
| | | | Sn | 59:38.88 | -1.22 |
| KOVH | 166.1 | 67 | Pn | 1:59:21.45 | -0.14 |
| PKSV | 170.4 | 75 | Pn | 1:59:22.19 | 0.06 |
| TRI | 186.5 | 277 | Pn | 1:59:24.82 | 0.69 |
| | | | Sn | 59:48.08 | 1.27 |

ARSA 200.1 346 Pn 1:59:26.77 0.93
 PKSM 210.0 68 Pn 1:59:26.80 -0.27
 MORH 210.4 68 Pn 1:59:27.90 0.78
 MPLH 214.8 30 Pn 1:59:28.60 0.94
 MYKA 230.2 303 Pn 1:59:30.68 1.09
 Sn 59:56.53 0.01
 PKST 244.0 37 Pn 1:59:31.32 0.01
 RONA 244.8 3 Pn 1:59:32.54 1.14
 MOA 297.7 331 Pn 1:59:38.23 0.22
 Sn 2:00:10.41 -1.10*
 ABTA 312.5 296 Pn 1:59:40.33 0.49*
 Sn 2:00:13.90 -0.88*
 MODS 331.0 15 ePn 1:59:44.30 2.14*

248.

2021-02-26 time: 10:07:25.75 UTC ML= 2.1
 lat: 48.157N lon: 21.440E h= 0.0 km
 erh= 4.8km erz= 4.9km
 nr= 9 gap=165 rms=0.90
 Locality: Timár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 21.4 | 316 | Pg | 10:07:30.40 | 0.82 |
| | | | Sg | 07:33.37 | 0.81 |
| KECS | 79.5 | 297 | Sg | 10:07:49.99 | -1.02 |
| TRPA | 81.9 | 92 | Sg | 10:07:52.19 | 0.41 |
| KOLS | 106.0 | 36 | ePg | 10:07:43.80 | -0.88 |
| | | | eSg | 07:56.80 | -2.64 |
| PSZ | 118.2 | 257 | Sg | 10:08:02.43 | -0.90 |
| NIE | 162.9 | 329 | Sn | 10:08:15.15 | 0.73 |
| LANS | 182.5 | 307 | Sn | 10:08:19.31 | 0.54 |

249.

2021-02-26 time: 11:00:37.24 UTC ML= 1.7
 lat: 48.148N lon: 16.888E h= 0.0 km
 erh= 2.6km erz= 3.6km
 nr= 13 gap=147 rms=0.70
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| MODS | 38.3 | 49 | Pg | 11:00:44.15 | 0.08 |
| | | | Sg | 00:48.56 | -0.84 |
| SMOL | 57.1 | 45 | Pg | 11:00:47.45 | 0.01 |
| | | | Sg | 00:55.59 | 0.20 |
| WINA | 60.8 | 266 | Sg | 11:00:56.05 | -0.53 |
| RONA | 66.7 | 222 | Pg | 11:00:50.07 | 0.93 |
| | | | Sg | 00:58.00 | -0.43 |
| CONA | 80.4 | 252 | Pg | 11:00:52.38 | 0.79 |
| | | | Sg | 01:02.62 | -0.16 |
| KRUC | 107.9 | 340 | Sg | 11:01:11.15 | -0.40 |
| ARSA | 143.0 | 226 | Pn | 11:01:01.17 | -0.94 |
| | | | Sn | 01:19.62 | -1.89 |
| VYHS | 149.5 | 75 | ePn | 11:01:03.70 | 0.78 |
| | | | eSn | 01:19.20 | -3.74* |

250.

2021-02-26 time: 12:29:12.56 UTC ML= 1.6
 lat: 46.122N lon: 18.067E h= 0.0 km
 erh= 1.0km erz= 222km
 nr= 10 gap=226 rms=0.18
 Locality: Abaliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 4.5 | 146 | PgU | 12:29:13.33 | -0.05 |
| | | | Sg | 29:14.43 | 0.42 |
| PKSV | 29.7 | 151 | Pg | 12:29:17.70 | -0.16 |
| | | | Sg | 29:21.74 | -0.26 |
| PKSM | 45.4 | 77 | Pg | 12:29:20.76 | 0.08 |
| | | | Sg | 29:26.92 | -0.08 |

Hypocenter Parameters

Földrengés paraméterek

MORH 45.7 77 Pg 12:29:20.73 0.00
 Sg 29:27.08 -0.02
 PKS9 54.1 17 Pg 12:29:22.52 0.29
 PKB4 58.6 45 Sg 12:29:30.92 -0.27

251.

2021-02-26 time: 12:42:31.98 UTC ML= 1.9
 lat: 47.000N lon: 22.724E h= 0.0 km
 erh= 4.0km erz= 2.3km
 nr= 6 gap=314 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 23.2 | 182 | Pg | 12:42:36.55 | 0.42 |
| | | | Sg | 42:39.16 | -0.20 |
| SIRR | 115.3 | 225 | Sg | 12:43:08.46 | -0.15 |
| BZS | 175.9 | 209 | Sn | 12:43:23.43 | -0.11 |
| GZR | 178.7 | 179 | Pn | 12:43:01.23 | -0.06 |
| | | | Sn | 43:22.62 | -1.54 |

252.

2021-02-26 time: 15:23:45.64 UTC ML= 1.6
 lat: 47.514N lon: 16.243E h= 0.0 km
 erh= 3.4km erz= 4.2km
 nr= 12 gap=130 rms=0.96
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.0 | 11 | PgU | 15:23:49.73 | 0.35 |
| | | | Sg | 23:52.09 | -0.22 |
| CONA | 54.2 | 328 | Pg | 15:23:56.74 | 1.43 |
| | | | Sg | 24:03.42 | 0.56 |
| ARSA | 61.8 | 242 | Sg | 15:24:03.79 | -1.48 |
| MPLH | 105.2 | 111 | Sg | 15:24:19.54 | 0.46 |
| MODS | 122.9 | 39 | Sg | 15:24:22.79 | -1.91 |
| PKST | 138.2 | 102 | Pn | 15:24:10.20 | 0.29 |
| | | | Sn | 24:28.78 | -0.05 |
| SMOL | 142.0 | 39 | Sn | 15:24:29.58 | -0.10 |
| KRUC | 172.4 | 4 | Pn | 15:24:13.55 | -0.62 |
| | | | Sn | 24:33.92 | -2.51 |

253.

2021-02-27 time: 14:24:10.80 UTC ML= 2.3
 lat: 45.604N lon: 16.068E h= 8.1 km
 erh= 2.4km erz= 1.8km
 nr= 20 gap=160 rms=0.67
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 25.7 | 347 | Pg | 14:24:15.61 | 0.00 |
| | | | Sg | 24:19.53 | 0.17 |
| CRES | 53.6 | 297 | Pg | 14:24:20.13 | -0.35 |
| | | | Sg | 24:28.06 | 0.03 |
| KOGS | 94.9 | 9 | Pg | 14:24:28.16 | 0.36 |
| | | | Sg | 24:40.11 | -0.96 |
| GROS | 104.9 | 335 | Pg | 14:24:29.77 | 0.19 |
| | | | Sg | 24:41.82 | -2.41 |
| BLY | 129.3 | 137 | Pn | 14:24:32.68 | -0.24 |
| | | | Sn | 24:49.34 | -0.83 |
| PERS | 136.2 | 327 | Pn | 14:24:33.98 | 0.20 |
| | | | Sn | 24:49.95 | -1.75 |
| SOKA | 143.7 | 326 | Pn | 14:24:35.39 | 0.68 |
| | | | Sn | 24:53.01 | -0.35 |
| OBKA | 154.7 | 311 | Pn | 14:24:37.25 | 1.17 |
| | | | Sn | 24:56.60 | 0.79 |
| KOVH | 166.8 | 71 | Sn | 14:24:57.93 | -0.55 |
| PKSV | 172.9 | 79 | Sn | 14:24:59.19 | -0.65 |
| PKSM | 210.8 | 71 | Sn | 14:25:09.48 | 1.23 |
| MORH | 211.1 | 71 | Sn | 14:25:09.73 | 1.40 |

254.

2021-02-27 time: 14:25:41.51 UTC ML= 2.6
 lat: 45.587N lon: 16.050E h= 9.5 km
 erh= 2.0km erz= 1.4km
 nr= 25 gap=164 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 27.3 | 351 | PgU | 14:25:46.42 | -0.24 |
| | | | Sg | 25:50.48 | -0.20 |
| CRES | 53.3 | 300 | Pg | 14:25:51.24 | 0.06 |
| | | | Sg | 25:58.87 | 0.15 |
| KOGS | 97.0 | 9 | Pg | 14:25:59.12 | 0.21 |
| | | | Sg | 26:11.24 | -1.24 |
| GROS | 106.0 | 336 | P* | 14:26:00.50 | 0.00 |
| | | | S* | 26:14.08 | -1.23 |
| BEHE | 113.1 | 30 | Pn | 14:26:01.50 | 0.06 |
| | | | Sn | 26:16.49 | -0.49 |
| BLY | 128.9 | 136 | Pn | 14:26:02.84 | -0.57 |
| | | | Sn | 26:19.03 | -1.46 |
| PERS | 137.1 | 328 | Pn | 14:26:04.39 | -0.04 |
| | | | Sn | 26:22.74 | 0.43 |
| SOKA | 144.5 | 327 | Pn | 14:26:06.15 | 0.79 |
| | | | Sn | 26:23.25 | -0.71 |
| OBKA | 155.0 | 311 | Pn | 14:26:07.05 | 0.40 |
| | | | Sn | 26:26.02 | -0.25 |
| KOVH | 168.7 | 71 | Pn | 14:26:09.11 | 0.74 |
| | | | Sn | 26:28.87 | -0.45 |
| PKSV | 174.6 | 79 | Pn | 14:26:10.22 | 1.11 |
| | | | Sn | 26:30.35 | -0.28 |
| ARSA | 189.3 | 348 | Pn | 14:26:13.53 | 2.59* |
| | | | Sn | 26:35.20 | 1.31 |
| MORH | 213.1 | 71 | Sn | 14:26:40.59 | 1.42 |
| RONA | 235.6 | 5 | Pn | 14:26:17.25 | 0.54 |

255.

2021-02-27 time: 16:32:01.71 UTC ML= 2.6
 lat: 45.576N lon: 16.054E h= 7.0 km
 erh= 2.3km erz= 1.6km
 nr= 27 gap=139 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 28.5 | 351 | Pg | 16:32:07.05 | 0.09 |
| | | | Sg | 32:11.09 | 0.05 |
| CRES | 54.2 | 301 | Pg | 16:32:11.57 | 0.10 |
| | | | Sg | 32:19.50 | 0.42 |
| KOGS | 98.1 | 9 | Pg | 16:32:19.64 | 0.36 |
| | | | Sg | 32:31.77 | -1.21 |
| GROS | 107.3 | 337 | Pg | 16:32:20.10 | -0.81 |
| | | | Sg | 32:33.94 | -1.94 |
| BEHE | 114.0 | 29 | Pn | 16:32:22.46 | 0.39 |
| BLY | 127.8 | 136 | Pn | 16:32:23.08 | -0.71 |
| | | | Sn | 32:39.56 | -1.45 |
| PERS | 138.3 | 328 | Pn | 16:32:25.33 | 0.23 |
| | | | Sn | 32:42.64 | -0.70 |
| SOKA | 145.7 | 327 | Pn | 16:32:26.20 | 0.18 |
| | | | Sn | 32:44.82 | -0.17 |
| OBKA | 156.0 | 312 | Pn | 16:32:28.04 | 0.74 |
| | | | Sn | 32:46.95 | -0.32 |
| PKSV | 174.6 | 79 | Pn | 16:32:30.51 | 0.89 |
| | | | Sn | 32:50.86 | -0.53 |
| TRI | 179.1 | 275 | Sn | 16:32:54.67 | 2.27 |
| ARSA | 190.6 | 348 | Sn | 16:32:56.48 | 1.54 |
| PKSM | 212.9 | 71 | Sn | 16:33:00.78 | 0.89 |
| MORH | 213.2 | 71 | Sn | 16:33:01.14 | 1.17 |
| MYKA | 220.3 | 302 | Pn | 16:32:35.09 | -0.23 |
| | | | Sn | 33:01.05 | -0.48 |
| RONA | 236.8 | 4 | Pn | 16:32:37.99 | 0.61 |
| | | | Sn | 33:06.52 | 1.32 |

Földrengés paraméterek

Hypocenter Parameters

256.

2021-02-27 time: 17:26:07.92 UTC ML= 2.3
 lat: 45.614N lon: 16.062E h= 10.7 km
 erh= 1.6km erz= 1.1km
 nr= 20 gap=159 rms=0.44
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 24.5 | 347 | Pg | 17:26:12.73 | 0.04 |
| | | | Sg | 26:16.61 | 0.19 |
| CRES | 52.7 | 297 | Pg | 17:26:17.20 | -0.32 |
| | | | Sg | 26:25.16 | 0.15 |
| KOGS | 93.8 | 9 | Pg | 17:26:25.05 | 0.26 |
| | | | Sg | 26:37.48 | -0.47 |
| GROS | 103.6 | 335 | P* | 17:26:25.98 | -0.45 |
| | | | S* | 26:38.98 | -1.89 |
| BLY | 130.5 | 137 | Pn | 17:26:29.87 | 0.02 |
| | | | Sn | 26:46.66 | -0.30 |
| PERS | 135.0 | 327 | Pn | 17:26:30.95 | 0.53 |
| | | | Sn | 26:47.82 | -0.15 |
| SOKA | 142.5 | 326 | Sn | 17:26:49.98 | 0.35 |
| OBKA | 153.6 | 310 | Pn | 17:26:32.79 | 0.05 |
| | | | Sn | 26:52.99 | 0.89 |
| KOVH | 166.8 | 72 | Sn | 17:26:55.20 | 0.17 |
| PKSV | 173.1 | 80 | Sn | 17:26:56.25 | -0.18 |
| PKSM | 210.9 | 72 | Sn | 17:27:07.43 | 2.63* |
| MORH | 211.2 | 72 | Sn | 17:27:07.02 | 2.14 |
| RONA | 232.5 | 4 | Pn | 17:26:42.70 | 0.12 |

257.

2021-02-27 time: 17:27:52.85 UTC ML= 2.4
 lat: 45.663N lon: 16.037E h= 9.0 km
 erh= 2.6km erz= 1.5km
 nr= 19 gap=210 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 18.7 | 350 | Pg | 17:27:56.56 | 0.00 |
| | | | Sg | 28:00.73 | 1.28 |
| CRES | 48.6 | 292 | Pg | 17:28:01.28 | -0.40 |
| | | | Sg | 28:07.61 | -0.96 |
| KOGS | 88.8 | 11 | Pg | 17:28:09.01 | 0.22 |
| | | | Sg | 28:21.11 | -0.11 |
| GROS | 97.9 | 335 | Pg | 17:28:10.57 | 0.17 |
| | | | Sg | 28:22.92 | -1.17 |
| BEHE | 106.4 | 33 | Sg | 17:28:26.13 | -0.65 |
| PERS | 129.4 | 327 | Pn | 17:28:15.59 | 0.71 |
| | | | Sn | 28:31.81 | -0.24 |
| SOKA | 136.9 | 325 | Sn | 17:28:33.90 | 0.19 |
| OBKA | 148.6 | 309 | Pn | 17:28:17.36 | 0.09 |
| | | | Sn | 28:36.65 | 0.33 |
| KOVH | 167.0 | 74 | Sn | 17:28:40.09 | -0.31 |
| PKSV | 174.1 | 82 | Sn | 17:28:40.59 | -1.39 |
| PKSM | 211.0 | 73 | Sn | 17:28:51.19 | 1.03 |
| MORH | 211.3 | 73 | Sn | 17:28:51.59 | 1.35 |
| RONA | 227.2 | 5 | Pn | 17:28:27.30 | 0.22 |

258.

2021-02-27 time: 17:29:42.14 UTC ML= 2.4
 lat: 45.604N lon: 16.031E h= 12.3 km
 erh= 2.0km erz= 1.2km
 nr= 10 gap=219 rms=0.29
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZAG | 25.2 | 353 | Pg | 17:29:47.35 | 0.20 |
| | | | Sg | 29:50.97 | -0.08 |
| CRES | 51.1 | 299 | Pg | 17:29:51.38 | -0.14 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 29:58.61 | -0.22 |
| KOGS | 95.4 | 10 | S* | 17:30:12.32 | -0.26 |
| GROS | 103.7 | 337 | P* | 17:30:00.77 | 0.26 |
| | | | S* | 30:15.03 | 0.19 |
| PERS | 134.7 | 328 | Sn | 17:30:23.79 | 2.03 |
| KOVH | 169.5 | 71 | Sn | 17:30:28.81 | -0.67 |
| PKSV | 175.7 | 80 | Sn | 17:30:30.87 | 0.00 |

259.

2021-02-28 time: 4:33:38.59 UTC ML= 2.2
 lat: 45.517N lon: 16.096E h= 11.3 km
 erh= 3.3km erz= 2.4km
 nr= 9 gap=228 rms=0.34
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 35.6 | 347 | Pg | 4:33:45.18 | -0.08 |
| | | | Sg | 33:51.01 | 0.54 |
| PTJ | 43.9 | 346 | Pg | 4:33:46.29 | -0.40 |
| | | | Sg | 33:53.02 | 0.01 |
| CRES | 60.5 | 305 | Pg | 4:33:50.00 | 0.42 |
| | | | Sg | 33:58.04 | -0.11 |
| KOGS | 104.2 | 7 | P* | 4:33:56.83 | -0.31 |
| | | | S* | 34:11.79 | 0.18 |
| PKSV | 173.0 | 76 | Sn | 4:34:28.36 | 1.42 |

260.

2021-02-28 time: 9:36:17.90 UTC ML= 2.6
 lat: 45.543N lon: 16.050E h= 8.8 km
 erh= 2.3km erz= 1.4km
 nr= 28 gap=169 rms=0.68
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 32.1 | 352 | Pg | 9:36:23.71 | -0.12 |
| | | | Sg | 36:29.03 | 0.57 |
| PTJ | 40.3 | 350 | Pg | 9:36:25.01 | -0.25 |
| | | | Sg | 36:30.64 | -0.37 |
| CRES | 55.9 | 304 | Pg | 9:36:27.92 | -0.08 |
| | | | Sg | 36:37.06 | 1.18 |
| KOGS | 101.8 | 9 | Pg | 9:36:35.86 | -0.28 |
| | | | Sg | 36:49.21 | -1.15 |
| GROS | 110.5 | 337 | Pn | 9:36:37.46 | -0.12 |
| | | | Sn | 36:51.22 | -1.72 |
| BEHE | 117.3 | 29 | Pn | 9:36:39.17 | 0.73 |
| | | | Sn | 36:54.53 | 0.07 |
| BLY | 125.5 | 135 | Sn | 9:36:54.94 | -1.32 |
| PERS | 141.3 | 329 | Pn | 9:36:41.58 | 0.16 |
| | | | Sn | 36:59.25 | -0.52 |
| SOKA | 148.7 | 328 | Sn | 9:37:00.76 | -0.65 |
| OBKA | 158.3 | 313 | Pn | 9:36:44.33 | 0.79 |
| | | | Sn | 37:04.10 | 0.56 |
| KOVH | 170.4 | 69 | Sn | 9:37:05.88 | -0.36 |
| PKSV | 175.7 | 77 | Pn | 9:36:46.50 | 0.79 |
| | | | Sn | 37:06.79 | -0.62 |
| ARSA | 194.1 | 348 | Sn | 9:37:13.61 | 2.13 |
| PKSM | 214.4 | 70 | Sn | 9:37:17.83 | 1.82 |
| MORH | 214.8 | 70 | Sn | 9:37:17.63 | 1.54 |
| RONA | 240.5 | 4 | Pn | 9:36:53.57 | -0.22 |
| CONA | 265.5 | 357 | Pn | 9:36:56.59 | -0.32 |
| MOA | 290.4 | 332 | Pn | 9:37:00.40 | 0.38 |
| | | | Sn | 37:34.06 | 1.18* |

261.

2021-03-01 time: 8:32:01.76 UTC ML= 1.7
 lat: 47.665N lon: 18.493E h= 0.0 km
 erh= 2.2km erz= 4.0km
 nr= 20 gap= 99 rms=1.18
 Locality: Héreg
 Comments: probably explosion

Hypocenter Parameters

Földregés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SRO | 21.3 | 321 | Pg | 8:32:05.95 | 0.39 |
| | | | Sg | 32:08.68 | 0.15 |
| PKSG | 31.3 | 194 | Sg | 8:32:13.70 | 1.98 |
| CSKK | 37.8 | 208 | Pg | 8:32:09.28 | 0.76 |
| | | | Sg | 32:13.78 | -0.01 |
| A338 | 40.3 | 345 | Sg | 8:32:14.63 | 0.05 |
| PKST | 56.9 | 217 | Pg | 8:32:12.70 | 0.79 |
| | | | Sg | 32:18.92 | -0.91 |
| PENC | 60.8 | 77 | Pg | 8:32:13.94 | 1.32 |
| | | | Sg | 32:20.75 | -0.33 |
| EGYH | 91.6 | 253 | Pg | 8:32:19.45 | 1.33 |
| VYHS | 95.7 | 16 | Pg | 8:32:19.55 | 0.71 |
| | | | Sg | 32:29.10 | -3.07 |
| PSZ | 108.7 | 75 | Sg | 8:32:35.27 | -1.05 |
| MODS | 120.1 | 311 | Pg | 8:32:22.92 | -0.29 |
| | | | Sg | 32:37.63 | -2.31 |
| MORH | 161.5 | 176 | Pn | 8:32:28.59 | -0.34 |
| | | | Sn | 32:47.37 | -2.76 |
| PKSM | 161.9 | 176 | Pn | 8:32:28.54 | -0.44 |
| | | | Sn | 32:47.47 | -2.75 |

262.

2021-03-01 time: 10:40:58.85 UTC ML= 1.5
 lat: 48.584N lon: 20.712E h= 0.0 km
 erh= 2.5km erz= 3.6km
 nr= 11 gap= 90 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 20.1 | 236 | Pg | 10:41:02.86 | 0.42 |
| | | | Sg | 41:05.57 | 0.33 |
| ABAH | 50.5 | 129 | Sg | 10:41:15.16 | 0.25 |
| PSZ | 95.7 | 219 | Pg | 10:41:16.06 | 0.12 |
| | | | Sg | 41:28.11 | -1.17 |
| NIE | 97.3 | 343 | Pg | 10:41:16.97 | 0.75 |
| | | | Sg | 41:28.82 | -0.96 |
| LANS | 110.9 | 305 | Pg | 10:41:18.37 | -0.28 |
| KOLS | 121.2 | 71 | eSg | 10:41:35.10 | -2.27 |
| VYHS | 138.9 | 266 | Pn | 10:41:23.49 | 0.29 |
| | | | Sn | 41:41.77 | -0.42 |

263.

2021-03-02 time: 2:37:06.86 UTC ML= 1.6
 lat: 46.457N lon: 16.923E h= 9.7 km
 erh= 2.1km erz= 1.4km
 nr= 11 gap=117 rms=0.41
 Locality: Sormás
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 11.4 | 277 | Pg | 2:37:09.75 | 0.21 |
| | | | Sg | 37:11.26 | -0.37 |
| KOGS | 51.7 | 269 | Sg | 2:37:23.26 | -0.32 |
| TIH | 89.0 | 56 | Pg | 2:37:23.21 | 0.35 |
| MPLH | 92.2 | 31 | Pg | 2:37:23.61 | 0.20 |
| | | | Sg | 37:36.06 | -0.25 |
| KOVH | 99.5 | 114 | Sg | 2:37:36.97 | -1.68 |
| GROS | 109.2 | 270 | Sn | 2:37:40.81 | -0.60 |
| PKSV | 120.5 | 122 | Sn | 2:37:43.60 | -0.33 |
| CRES | 133.3 | 238 | Sn | 2:37:47.26 | 0.50 |
| PKSM | 135.1 | 102 | Sn | 2:37:47.49 | 0.33 |

264.

2021-03-02 time: 2:58:57.94 UTC ML= 1.8
 lat: 46.446N lon: 16.937E h= 10.2 km
 erh= 2.8km erz= 1.9km
 nr= 18 gap=118 rms=0.92
 Locality: Sormás
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 12.7 | 282 | PgD | 2:59:00.95 | 0.10 |
| | | | Sg | 59:03.11 | 0.00 |
| KOGS | 52.7 | 270 | Pg | 2:59:08.48 | 0.95 |
| | | | Sg | 59:14.30 | -0.71 |
| MPLH | 92.7 | 30 | Pg | 2:59:13.80 | -0.80 |
| | | | Sg | 59:27.06 | -0.54 |
| KOVH | 98.1 | 114 | Pg | 2:59:15.51 | -0.04 |
| | | | Sg | 59:27.66 | -1.63 |
| GROS | 110.2 | 271 | Sn | 2:59:30.62 | -1.99 |
| PKSV | 119.0 | 121 | Sn | 2:59:34.49 | -0.06 |
| PKST | 123.2 | 43 | Pn | 2:59:18.37 | -0.66 |
| | | | Sn | 59:36.17 | 0.68 |
| PKB4 | 128.2 | 87 | Pn | 2:59:22.39 | 2.74 |
| CRES | 133.5 | 239 | Pn | 2:59:20.94 | 0.62 |
| | | | Sn | 59:37.95 | 0.18 |
| MORH | 134.0 | 101 | Sn | 2:59:38.85 | 0.98 |
| ARSA | 140.1 | 310 | Sn | 2:59:39.80 | 0.57 |
| PERS | 141.2 | 279 | Sn | 2:59:39.06 | -0.42 |

265.

2021-03-02 time: 3:12:28.26 UTC ML= 2.6
 lat: 46.454N lon: 16.914E h= 13.7 km
 erh= 1.3km erz= 1.1km
 nr= 75 gap= 56 rms=0.77
 Locality: Sormás
 Comments: felt 3 MIS/IIS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 10.8 | 279 | PgD | 3:12:31.35 | -0.03 |
| | | | Sg | 12:33.97 | 0.15 |
| KOGS | 51.0 | 269 | Pg | 3:12:37.63 | -0.07 |
| | | | Sg | 12:44.47 | -0.59 |
| TIH | 89.8 | 57 | P*D | 3:12:43.05 | -1.33 |
| MPLH | 92.8 | 31 | P*D | 3:12:43.50 | -1.34 |
| | | | S* | 12:57.03 | -0.74 |
| PTJ | 96.2 | 230 | P* | 3:12:45.23 | -0.12 |
| KOVH | 100.0 | 114 | P* | 3:12:45.39 | -0.55 |
| | | | S* | 12:57.53 | -2.20 |
| PKS9 | 105.7 | 82 | Pn | 3:12:46.54 | -0.18 |
| | | | Sn | 12:59.85 | -1.27 |
| GROS | 108.5 | 270 | PnD | 3:12:46.89 | -0.18 |
| | | | Sn | 13:00.56 | -1.18 |
| GOLS | 111.0 | 244 | iPn | 3:12:47.46 | 0.07 |
| | | | eSn | 13:01.34 | -0.96 |
| EGYH | 111.7 | 17 | PnU | 3:12:47.87 | 0.41 |
| | | | Sn | 13:01.96 | -0.48 |
| DOBS | 116.4 | 253 | iPn | 3:12:47.68 | -0.37 |
| | | | eSn | 13:02.04 | -1.45 |
| GCIS | 118.9 | 237 | iPn | 3:12:48.28 | -0.09 |
| | | | eSn | 13:04.78 | 0.73 |
| PKSV | 120.9 | 121 | Pn | 3:12:48.64 | 0.02 |
| | | | Sn | 13:03.31 | -1.19 |
| PKST | 123.7 | 44 | PnU | 3:12:48.67 | -0.29 |
| | | | Sn | 13:04.62 | -0.49 |
| PKB4 | 129.8 | 88 | Pn | 3:12:50.31 | 0.58 |
| | | | Sn | 13:06.67 | 0.20 |
| CRES | 132.5 | 238 | Pn | 3:12:49.95 | -0.11 |
| | | | Sn | 13:07.93 | 0.86 |
| LEGS | 135.4 | 245 | iPn | 3:12:50.29 | -0.14 |
| | | | eSn | 13:08.35 | 0.63 |
| PKSM | 135.7 | 101 | Pn | 3:12:49.47 | -0.99 |
| | | | Sn | 13:08.02 | 0.25 |
| MORH | 135.8 | 101 | Pn | 3:12:49.44 | -1.03 |
| ARSA | 138.2 | 310 | Pn | 3:12:51.18 | 0.41 |
| | | | Sn | 13:08.78 | 0.46 |
| PERS | 139.4 | 278 | Pn | 3:12:50.76 | -0.16 |
| | | | Sn | 13:09.10 | 0.51 |
| PKB5 | 140.6 | 84 | Pn | 3:12:52.15 | 1.08 |
| | | | Sn | 13:09.49 | 0.62 |
| CSKK | 144.0 | 45 | Pn | 3:12:52.31 | 0.82 |
| ZAVS | 145.2 | 269 | ePn | 3:12:51.78 | 0.13 |
| | | | eSn | 13:10.48 | 0.59 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|------------|--------|
| RONA | 146.2 | 341 | Pn | 3:12:52.09 | 0.32 |
| | | | Sn | 13:10.30 | 0.20 |
| SOKA | 146.4 | 280 | PnU | 3:12:51.71 | -0.08 |
| | | | Sn | 13:11.39 | 1.24 |
| PKB1 | 148.4 | 76 | Pn | 3:12:53.42 | 1.37 |
| | | | Sn | 13:11.55 | 0.95 |
| PKSG | 153.3 | 47 | Pn | 3:12:53.68 | 1.02 |
| | | | Sn | 13:12.89 | 1.21 |
| PKB3 | 175.3 | 91 | Sn | 3:13:20.11 | 3.55* |
| PKS2 | 176.6 | 89 | Pn | 3:12:56.32 | 0.76 |
| | | | Sn | 13:20.36 | 3.51* |
| PKB2 | 180.1 | 82 | Pn | 3:12:55.23 | -0.77 |
| | | | Sn | 13:21.18 | 3.55* |
| OBKA | 181.8 | 272 | Pn | 3:12:56.90 | 0.70 |
| | | | Sn | 13:21.39 | 3.39* |
| CONA | 182.3 | 334 | Pn | 3:12:56.74 | 0.47 |
| SRO | 184.6 | 35 | Pn | 3:12:57.99 | 1.43 |
| BLY | 190.7 | 174 | Pn | 3:12:58.05 | 0.73 |
| WINA | 194.5 | 341 | Pn | 3:12:58.44 | 0.65 |
| | | | Sn | 13:19.37 | -1.45 |
| BUD | 197.1 | 55 | Pn | 3:13:00.99 | 2.87 |
| SMOL | 232.2 | 10 | ePn | 3:13:02.40 | -0.10 |
| | | | eSn | 13:27.30 | -1.90 |
| MOA | 253.8 | 308 | Pn | 3:13:05.57 | 0.39 |
| | | | Sn | 13:33.62 | -0.36 |
| FRGS | 268.7 | 123 | Pn | 3:13:06.77 | -0.27 |
| | | | Sn | 13:37.41 | 0.12 |
| VYHS | 269.1 | 33 | Pn | 3:13:07.74 | 0.65 |
| ABNA | 270.4 | 336 | Pn | 3:13:08.27 | 1.01 |
| | | | Sn | 13:36.66 | -1.02 |
| KRUC | 292.5 | 352 | Pn | 3:13:10.26 | 0.25 |
| BBLS | 348.0 | 146 | Pn | 3:13:17.96 | 1.03* |
| KECS | 351.2 | 50 | ePn | 3:13:20.20 | 2.86* |
| | | | eSn | 13:54.60 | -1.01* |
| MORC | 372.4 | 7 | Pn | 3:13:20.04 | 0.07* |
| | | | Sn | 13:59.43 | -0.88* |
| KHC | 388.7 | 320 | ePn | 3:13:23.40 | 1.40* |
| | | | eSn | 14:01.60 | -2.32* |

266.

2021-03-02 time: 3:13:46.16 UTC ML= 2.0
 lat: 46.475N lon: 16.941E h= 11.5 km
 erh= 1.6km erz= 1.2km
 nr= 25 gap=107 rms=0.57
 Locality: Sormás
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 12.8 | 267 | PgD | 3:13:49.52 | 0.29 |
| | | | Sg | 13:52.06 | 0.43 |
| KOGS | 53.2 | 267 | Pg | 3:13:55.81 | -0.07 |
| | | | Sg | 14:02.90 | -0.56 |
| TIH | 86.7 | 57 | Pg | 3:14:01.89 | 0.10 |
| MPLH | 89.7 | 31 | Pg | 3:14:01.70 | -0.61 |
| | | | Sg | 14:14.62 | -0.29 |
| KOVH | 99.1 | 116 | P* | 3:14:03.88 | -0.02 |
| | | | S* | 14:15.81 | -1.93 |
| PTJ | 99.3 | 230 | P* | 3:14:03.65 | -0.28 |
| | | | S* | 14:16.14 | -1.65 |
| GROS | 110.6 | 269 | Pn | 3:14:05.07 | -0.44 |
| | | | Sn | 14:18.74 | -1.86 |
| PKSV | 120.4 | 123 | Pn | 3:14:07.37 | 0.64 |
| | | | Sn | 14:22.88 | 0.10 |
| PKST | 120.5 | 44 | Pn | 3:14:06.86 | 0.11 |
| | | | Sn | 14:22.33 | -0.48 |
| PKSM | 134.1 | 103 | Pn | 3:14:08.48 | 0.04 |
| MORH | 134.2 | 102 | Pn | 3:14:08.14 | -0.31 |
| CRES | 135.5 | 238 | Pn | 3:14:09.70 | 1.08 |
| | | | Sn | 14:26.86 | 0.73 |
| RONA | 144.6 | 340 | Pn | 3:14:10.24 | 0.49 |
| | | | Sn | 14:28.58 | 0.42 |
| SOKA | 148.0 | 279 | Pn | 3:14:10.54 | 0.36 |
| | | | Sn | 14:29.79 | 0.88 |

267.

2021-03-02 time: 3:16:07.84 UTC ML= 1.9
 lat: 46.449N lon: 16.978E h= 12.1 km
 erh= 3.2km erz= 2.0km
 nr= 13 gap=123 rms=0.63
 Locality: Kiskanizsa
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 15.8 | 279 | Pg | 3:16:11.32 | -0.07 |
| | | | Sg | 16:13.85 | -0.31 |
| KOGS | 55.9 | 270 | Pg | 3:16:18.70 | 0.64 |
| | | | Sg | 16:24.65 | -1.38 |
| KOVH | 95.3 | 115 | P* | 3:16:24.87 | -0.08 |
| | | | S* | 16:37.33 | -0.96 |
| PTJ | 99.6 | 232 | P* | 3:16:25.08 | -0.53 |
| PKST | 120.8 | 42 | Pn | 3:16:28.70 | 0.30 |
| | | | Sn | 16:44.32 | -0.11 |
| CRES | 136.4 | 240 | Pn | 3:16:31.62 | 1.28 |
| | | | Sn | 16:48.94 | 1.05 |
| PERS | 144.3 | 278 | Pn | 3:16:31.03 | -0.29 |
| | | | Sn | 16:49.45 | -0.19 |

268.

2021-03-02 time: 3:18:26.08 UTC ML= 1.9
 lat: 46.459N lon: 16.979E h= 10.1 km
 erh= 1.4km erz= 1.1km
 nr= 23 gap=116 rms=0.53
 Locality: Nagykanizsa
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 15.7 | 274 | Pg | 3:18:29.73 | 0.32 |
| | | | Sg | 18:32.28 | 0.26 |
| KOGS | 56.0 | 269 | Pg | 3:18:36.29 | 0.05 |
| | | | Sg | 18:42.89 | -1.28 |
| TIH | 85.4 | 55 | Pg | 3:18:41.40 | -0.03 |
| MPLH | 89.8 | 28 | Pg | 3:18:41.83 | -0.39 |
| | | | Sg | 18:54.94 | 0.13 |
| KOVH | 95.7 | 116 | Pg | 3:18:43.77 | 0.50 |
| | | | Sg | 18:55.89 | -0.79 |
| PTJ | 100.4 | 232 | Pg | 3:18:44.04 | -0.06 |
| | | | Sg | 18:56.06 | -2.10 |
| EGYH | 109.8 | 14 | Sn | 3:18:59.86 | -0.80 |
| PKST | 119.9 | 42 | Pn | 3:18:46.82 | 0.06 |
| PKB4 | 124.8 | 88 | Sn | 3:19:04.25 | 0.26 |
| PKSM | 130.9 | 102 | Pn | 3:18:48.08 | -0.05 |
| CRES | 137.1 | 239 | Pn | 3:18:49.99 | 1.08 |
| | | | Sn | 19:07.37 | 0.66 |
| ARSA | 141.6 | 308 | Sn | 3:19:08.07 | 0.35 |
| PERS | 144.2 | 278 | Pn | 3:18:49.34 | -0.45 |
| RONA | 147.3 | 339 | Pn | 3:18:50.61 | 0.43 |
| SOKA | 151.2 | 279 | Pn | 3:18:50.09 | -0.58 |
| | | | Sn | 19:09.41 | -0.43 |
| OBKA | 186.7 | 272 | Sn | 3:19:19.64 | 1.92 |

269.

2021-03-02 time: 3:47:39.73 UTC ML= 2.0
 lat: 46.493N lon: 16.983E h= 15.6 km
 erh= 2.0km erz= 1.4km
 nr= 24 gap=106 rms=0.71
 Locality: Palin
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| BEHE | 16.1 | 261 | PgD | 3:47:44.49 | 0.75 |
| | | | Sg | 47:47.01 | 0.15 |
| KOGS | 56.5 | 265 | Pg | 3:47:50.00 | -0.19 |
| | | | Sg | 47:55.97 | -2.38 |
| MPLH | 86.4 | 29 | P* | 3:47:54.62 | -0.53 |
| | | | S* | 48:05.60 | -1.59 |
| KOVH | 97.1 | 118 | P* | 3:47:56.87 | 0.08 |

Hypocenter Parameters

Földrengés paraméterek

PKS9 100.0 84 S* 48:08.77 -1.32
P* 3:47:57.51 0.29
S* 48:10.89 0.03
PTJ 103.0 230 Pn 3:47:56.71 -0.89
Sn 48:09.99 -1.55
GROS 113.8 268 Sn 3:48:13.31 -0.63
PKST 116.9 43 Pn 3:47:59.70 0.36
Sn 48:15.00 0.36
PKSV 118.8 124 Sn 3:48:15.28 0.22
MORH 131.5 104 Sn 3:48:18.83 0.95
CRES 139.3 238 Pn 3:48:02.50 0.38
Sn 48:20.13 0.54
ARSA 139.5 307 Sn 3:48:20.30 0.64
RONA 143.9 339 Sn 3:48:21.42 0.80
PERS 144.0 276 Pn 3:48:03.51 0.80
Sn 48:20.47 -0.17
SOKA 150.9 278 Sn 3:48:22.89 0.72

270.

2021-03-02 time: 3:53:10.12 UTC ML= 1.5
lat: 46.480N lon: 16.967E h= 8.8 km
erh= 2.0km erz= 1.8km
nr= 8 gap=142 rms=0.30
Locality: Palin
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 14.8 | 266 | Pg | 3:53:13.20 | 0.01 |
| | | | Sg | 53:15.76 | 0.17 |
| KOGS | 55.2 | 266 | Sg | 3:53:27.66 | -0.22 |
| MPLH | 88.3 | 30 | Pg | 3:53:25.91 | -0.05 |
| KOVH | 97.6 | 117 | Pg | 3:53:27.82 | 0.21 |
| | | | Sg | 53:40.22 | -1.03 |
| PKSV | 119.0 | 124 | Sn | 3:53:46.77 | -0.28 |
| PKSM | 132.3 | 103 | Sn | 3:53:50.51 | 0.52 |

271.

2021-03-02 time: 3:54:35.60 UTC ML= 1.6
lat: 46.486N lon: 16.951E h= 10.9 km
erh= 2.1km erz= 0.9km
nr= 10 gap=127 rms=0.31
Locality: Homokkomárom
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 13.6 | 263 | PgD | 3:54:38.96 | 0.25 |
| | | | Sg | 54:41.32 | 0.19 |
| KOGS | 54.0 | 266 | Sg | 3:54:52.51 | -0.59 |
| KOVH | 99.0 | 117 | Pg | 3:54:53.37 | -0.01 |
| | | | Sg | 55:05.32 | -1.92 |
| GROS | 111.3 | 269 | Pn | 3:54:54.87 | -0.25 |
| PKST | 119.2 | 44 | Pn | 3:54:56.33 | 0.22 |
| PKSV | 120.4 | 123 | Sn | 3:55:12.40 | 0.03 |
| CRES | 136.7 | 238 | Sn | 3:55:16.26 | 0.27 |
| PERS | 141.6 | 277 | Sn | 3:55:17.02 | -0.06 |

272.

2021-03-02 time: 3:56:45.03 UTC ML= 1.1
lat: 46.524N lon: 16.952E h= 11.3 km
erh= 8.9km erz= 2.1km
nr= 8 gap=199 rms=0.59
Locality: Korpavár
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 14.8 | 246 | PgD | 3:56:48.56 | 0.20 |
| | | | Sg | 56:50.92 | -0.03 |
| KOGS | 54.5 | 261 | Sg | 3:57:02.41 | -0.33 |
| KOVH | 100.8 | 119 | S* | 3:57:15.73 | -1.38 |
| GROS | 111.6 | 266 | Sn | 3:57:19.38 | -0.37 |
| PKSV | 122.7 | 125 | Sn | 3:57:22.20 | -0.02 |
| PKSM | 134.5 | 105 | Sn | 3:57:25.66 | 0.82 |

CRES 139.1 236 Sn 3:57:26.77 0.91

273.

2021-03-02 time: 4:46:34.59 UTC ML= 2.2
lat: 46.440N lon: 16.950E h= 12.3 km
erh= 1.4km erz= 1.1km
nr= 47 gap=111 rms=0.64
Locality: Kiskanizsa
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| BEHE | 13.8 | 284 | PgD | 4:46:38.23 | 0.34 |
| | | | Sg | 46:40.78 | 0.32 |
| KOGS | 53.7 | 271 | Pg | 4:46:44.54 | 0.11 |
| | | | Sg | 46:51.57 | -0.54 |
| TIH | 88.5 | 55 | Pg | 4:46:49.83 | -0.71 |
| MPLH | 92.8 | 29 | P* | 4:46:50.36 | -0.94 |
| | | | S* | 47:03.63 | -0.71 |
| KOVH | 96.9 | 114 | P* | 4:46:51.49 | -0.43 |
| | | | S* | 47:04.15 | -1.30 |
| PTJ | 97.3 | 232 | P* | 4:46:51.95 | -0.03 |
| PKS9 | 103.3 | 81 | P* | 4:46:53.05 | 0.15 |
| GROS | 111.3 | 271 | Pn | 4:46:53.59 | -0.33 |
| | | | Sn | 47:07.27 | -1.73 |
| EGYH | 112.5 | 15 | Pn | 4:46:54.42 | 0.35 |
| | | | Sn | 47:08.37 | -0.90 |
| GOLS | 112.8 | 245 | iPn | 4:46:54.14 | 0.03 |
| | | | eSn | 47:09.38 | 0.03 |
| PKSV | 117.8 | 121 | Pn | 4:46:54.70 | -0.04 |
| | | | Sn | 47:09.68 | -0.77 |
| DOBS | 118.6 | 254 | iPn | 4:46:54.35 | -0.48 |
| GCIS | 120.4 | 238 | iPn | 4:46:55.00 | -0.06 |
| PKST | 123.0 | 42 | Pn | 4:46:55.16 | -0.23 |
| | | | Sn | 47:11.22 | -0.39 |
| PKB4 | 127.2 | 87 | Sn | 4:47:13.33 | 0.79 |
| PKSM | 132.7 | 101 | Pn | 4:46:56.17 | -0.43 |
| CRES | 134.0 | 239 | Pn | 4:46:56.63 | -0.13 |
| | | | Sn | 47:14.65 | 0.59 |
| ARSA | 141.3 | 310 | Pn | 4:46:58.21 | 0.55 |
| | | | Sn | 47:15.42 | -0.24 |
| PERS | 142.3 | 279 | Pn | 4:46:57.60 | -0.19 |
| | | | Sn | 47:15.96 | 0.07 |
| CSKK | 143.2 | 44 | Pn | 4:46:58.81 | 0.91 |
| PKB1 | 146.3 | 75 | Pn | 4:46:59.93 | 1.65 |
| | | | Sn | 47:17.53 | 0.76 |
| RONA | 148.6 | 340 | Pn | 4:46:58.81 | 0.24 |
| | | | Sn | 47:17.10 | -0.18 |
| SOKA | 149.4 | 280 | Pn | 4:46:58.47 | -0.20 |
| | | | Sn | 47:17.93 | 0.47 |
| PKSG | 152.5 | 46 | Pn | 4:47:00.13 | 1.07 |
| SRO | 184.4 | 34 | ePn | 4:47:05.40 | 2.35 |
| OBKA | 184.5 | 272 | Sn | 4:47:26.65 | 1.38 |
| CONA | 184.9 | 334 | Sn | 4:47:26.97 | 1.63 |
| WINA | 196.9 | 340 | Pn | 4:47:05.27 | 0.67 |
| MODS | 216.4 | 7 | ePn | 4:47:08.80 | 1.77 |
| | | | eSn | 47:30.30 | -2.04 |
| VYHS | 269.0 | 32 | e n | 4:47:15.00 | 1.41 |
| | | | eSn | 47:42.10 | -1.92* |

274.

2021-03-02 time: 8:38:31.17 UTC ML= 1.5
lat: 47.841N lon: 16.036E h= 0.0 km
erh= 0.9km erz= 2.3km
nr= 10 gap= 96 rms=0.59
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| CONA | 16.2 | 307 | Pg | 8:38:34.29 | 0.22 |
| | | | Sg | 38:36.60 | 0.27 |
| RONA | 25.1 | 129 | PgU | 8:38:35.87 | 0.22 |
| | | | Sg | 38:39.62 | 0.48 |
| WINA | 29.7 | 5 | Pg | 8:38:36.83 | 0.35 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | |
|------|----------|----|------------|--------|
| | | Sg | 38:41.35 | 0.73 |
| ARSA | 76.2 210 | Sg | 8:38:54.97 | -0.42 |
| MODS | 109.8 57 | Pg | 8:38:50.64 | -0.14 |
| KRUC | 138.3 11 | Pn | 8:38:54.18 | -1.27 |
| | | Sn | 39:10.90 | -3.49* |

275.

2021-03-02 time: 9:10:37.24 UTC ML= 1.9
 lat: 48.468N lon: 17.391E h= 0.0 km
 erh= 1.7km erz= 533km
 nr= 12 gap=127 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 5.8 | 29 | ePg | 9:10:38.00 | -0.28 |
| | | | eSg | 10:38.70 | -0.39 |
| MODS | 13.4 | 219 | PgU | 9:10:39.76 | 0.12 |
| | | | Sg | 10:42.50 | 0.99 |
| ZST | 37.0 | 215 | Pg | 9:10:43.95 | 0.10 |
| KRUC | 98.6 | 312 | Pg | 9:10:55.30 | 0.45 |
| | | | Sg | 11:08.47 | -0.12 |
| VYHS | 106.9 | 88 | Pg | 9:10:56.61 | 0.28 |
| RONA | 118.1 | 224 | Pg | 9:10:58.34 | 0.01 |
| | | | Sg | 11:14.52 | -0.26 |
| CONA | 128.5 | 242 | Pg | 9:10:59.45 | -0.74 |
| | | | Sg | 11:16.75 | -1.35 |

276.

2021-03-02 time: 9:39:46.01 UTC ML= 1.5
 lat: 47.852N lon: 19.095E h= 0.0 km
 erh= 1.3km erz= 352km
 nr= 6 gap=119 rms=0.20
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 15.6 | 116 | Pg | 9:39:48.85 | 0.05 |
| | | | Sg | 39:50.76 | -0.21 |
| PSZ | 60.3 | 83 | Pg | 9:39:57.09 | 0.31 |
| | | | Sg | 40:04.92 | -0.25 |
| PKSG | 73.6 | 226 | Sg | 9:40:09.34 | -0.06 |
| VYHS | 73.9 | 345 | Sg | 9:40:09.34 | -0.18 |

277.

2021-03-02 time: 10:16:08.01 UTC ML= 2.2
 lat: 48.528N lon: 22.987E h= 12.1 km
 erh= 6.8km erz= 3.3km
 nr= 9 gap=236 rms=0.83
 Locality: Ukraine
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| TRPA | 55.4 | 217 | Pg | 10:16:18.67 | 0.54 |
| | | | Sg | 16:25.19 | -0.83 |
| KOLS | 69.2 | 311 | ePg | 10:16:20.40 | -0.14 |
| | | | eSg | 16:31.80 | 1.48 |
| ABAH | 131.9 | 259 | Pn | 10:16:29.05 | -0.90 |
| | | | Sn | 16:46.15 | -0.91 |
| KECS | 184.9 | 268 | Sn | 10:17:00.40 | 1.58 |
| DRGR | 194.2 | 186 | Pn | 10:16:37.78 | 0.06 |
| | | | Sn | 17:02.33 | 1.44 |

278.

2021-03-02 time: 14:46:19.74 UTC ML= 1.8
 lat: 47.067N lon: 19.448E h= 0.0 km
 erh= 4.9km erz= 727km
 nr= 5 gap=193 rms=0.33
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.9 | 264 | Pg | 14:46:24.00 | 0.35 |
| | | | Sg | 46:26.06 | -0.64 |
| PENC | 81.4 | 351 | Pg | 14:46:34.60 | 0.32 |
| PSZ | 100.5 | 20 | Pg | 14:46:37.41 | -0.27 |
| PKSM | 113.4 | 213 | Pg | 14:46:39.87 | -0.11 |

279.

2021-03-02 time: 15:00:53.51 UTC ML= 1.9
 lat: 47.062N lon: 19.457E h= 0.0 km
 erh= 3.0km erz= 626km
 nr= 9 gap=194 rms=0.47
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.6 | 266 | Pg | 15:00:57.66 | 0.12 |
| | | | Sg | 01:00.22 | -0.46 |
| PENC | 82.1 | 351 | Pg | 15:01:08.65 | 0.48 |
| PSZ | 100.8 | 19 | Pg | 15:01:11.49 | -0.02 |
| | | | Sg | 01:24.64 | -0.91 |
| MORH | 112.8 | 213 | Pg | 15:01:14.12 | 0.47 |
| | | | Sg | 01:28.56 | -0.80 |
| PKSM | 113.3 | 213 | Pg | 15:01:14.02 | 0.28 |
| | | | Sg | 01:28.79 | -0.72 |

280.

2021-03-03 time: 8:01:28.69 UTC ML= 2.3
 lat: 46.445N lon: 16.972E h= 11.4 km
 erh= 2.5km erz= 1.4km
 nr= 30 gap=110 rms=0.82
 Locality: Kiskanizsa
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 15.3 | 280 | PgD | 8:01:32.48 | 0.38 |
| | | | Sg | 01:34.99 | 0.22 |
| KOGS | 55.4 | 270 | Pg | 8:01:38.78 | -0.02 |
| | | | Sg | 01:45.59 | -1.09 |
| TIH | 86.7 | 54 | Pg | 8:01:43.63 | -0.68 |
| MPLH | 91.5 | 28 | Pg | 8:01:44.33 | -0.82 |
| | | | Sg | 01:57.79 | -0.20 |
| PTJ | 99.0 | 232 | P* | 8:01:46.65 | 0.22 |
| | | | S* | 01:58.99 | -1.28 |
| EGYH | 111.4 | 14 | Sn | 8:02:03.15 | -0.19 |
| GROS | 113.0 | 271 | Pn | 8:01:47.97 | -0.37 |
| | | | Sn | 02:01.58 | -2.10 |
| GOLS | 114.6 | 245 | iPn | 8:01:48.49 | -0.06 |
| | | | iSn | 02:02.39 | -1.66 |
| PKSV | 116.7 | 122 | Sn | 8:02:04.20 | -0.30 |
| DOBS | 120.4 | 254 | iSn | 8:02:03.17 | -2.15 |
| PKST | 121.4 | 42 | Pn | 8:01:49.70 | 0.30 |
| | | | Sn | 02:05.47 | -0.09 |
| LEGS | 139.1 | 247 | iPn | 8:01:52.63 | 1.02 |
| | | | iSn | 02:09.81 | 0.33 |
| ARSA | 142.2 | 309 | Pn | 8:01:53.32 | 1.33 |
| | | | Sn | 02:09.35 | -0.81 |
| PERS | 143.9 | 278 | Pn | 8:01:51.90 | -0.30 |
| | | | Sn | 02:10.62 | 0.08 |
| RONA | 148.6 | 340 | Pn | 8:01:53.32 | 0.54 |
| | | | Sn | 02:12.32 | 0.74 |
| ZAVS | 149.7 | 270 | iPn | 8:01:54.09 | 1.17 |
| | | | iSn | 02:12.61 | 0.79 |
| SOKA | 150.9 | 280 | Sn | 8:02:12.67 | 0.57 |
| PDKS | 158.1 | 254 | iPn | 8:01:55.70 | 1.73 |

Hypocenter Parameters

Földrengés paraméterek

281.

2021-03-03 time: 8:57:52.92 UTC ML= 1.4
 lat: 47.174N lon: 18.014E h= 0.0 km
 erh= 3.5km erz= 549km
 nr= 8 gap=220 rms=0.40
 Locality: Hajmáskér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 9.6 | 10 | Pg | 8:57:54.07 | -0.56 |
| | | | Sg | 57:55.81 | -0.15 |
| CSKK | 28.1 | 42 | Pg | 8:57:58.22 | 0.28 |
| | | | Sg | 58:02.44 | 0.58 |
| MPLH | 35.9 | 269 | Pg | 8:57:59.65 | 0.31 |
| | | | Sg | 58:04.11 | -0.23 |
| PKSG | 37.4 | 50 | Pg | 8:57:59.19 | -0.41 |
| | | | Sg | 58:05.32 | 0.51 |

282.

2021-03-03 time: 9:18:06.14 UTC ML= 1.4
 lat: 48.600N lon: 20.733E h= 0.0 km
 erh= 2.6km erz= 3.9km
 nr= 10 gap= 91 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.4 | 234 | Pg | 9:18:10.41 | 0.27 |
| | | | Sg | 18:13.47 | 0.21 |
| ABAH | 50.5 | 132 | Pg | 9:18:16.08 | 0.92 |
| | | | Sg | 18:21.71 | -0.49 |
| NIE | 96.1 | 341 | Pg | 9:18:23.36 | 0.07 |
| PSZ | 98.1 | 219 | Pg | 9:18:24.07 | 0.41 |
| | | | Sg | 18:36.17 | -1.15 |
| KOLS | 119.2 | 72 | Sg | 9:18:42.64 | -1.37 |
| VYHS | 140.5 | 265 | Pn | 9:18:30.69 | 0.00 |
| | | | Sn | 18:48.92 | -0.93 |

283.

2021-03-03 time: 9:26:47.47 UTC ML= 2.0
 lat: 48.533N lon: 17.437E h= 0.0 km
 erh= 4.3km erz= 2.6km
 nr= 7 gap=266 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 21.3 | 214 | Pg | 9:26:51.51 | 0.23 |
| | | | Sg | 26:54.90 | 0.65 |
| KRUC | 96.5 | 308 | Sg | 9:27:18.37 | 0.22 |
| | | | Pg | 9:27:09.78 | -0.15 |
| RONA | 125.7 | 223 | Sg | 27:26.67 | -0.77 |
| | | | Pn | 9:27:11.39 | 0.05 |
| CONA | 135.0 | 240 | Pn | 9:27:11.39 | 0.05 |
| | | | Sn | 27:29.26 | -0.70 |

284.

2021-03-03 time: 9:50:57.26 UTC ML= 1.2
 lat: 46.180N lon: 18.285E h= 0.0 km
 erh= 1.0km erz= 187km
 nr= 8 gap=207 rms=0.13
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.6 | 234 | Pg | 9:51:00.30 | -0.11 |
| | | | Sg | 51:03.06 | 0.20 |
| PKSM | 27.7 | 83 | Pg | 9:51:02.36 | 0.15 |
| | | | Sg | 51:06.28 | 0.21 |
| MORH | 28.0 | 82 | Pg | 9:51:02.16 | -0.10 |
| | | | Sg | 51:05.95 | -0.20 |

PKSV 32.5 185 Pg 9:51:03.06 -0.02
 Sg 51:07.58 -0.03

285.

2021-03-03 time: 13:43:19.44 UTC ML= 1.7
 lat: 47.085N lon: 19.450E h= 0.0 km
 erh= 8.1km erz= ***km
 nr= 5 gap=193 rms=0.52
 Locality: Táborfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.4 | 259 | Pg | 13:43:24.10 | 0.66 |
| | | | Sg | 43:25.66 | -0.90 |
| PENC | 79.4 | 351 | Pg | 13:43:34.05 | 0.43 |
| PSZ | 98.5 | 20 | Pg | 13:43:36.56 | -0.47 |
| MORH | 114.7 | 213 | Pg | 13:43:39.72 | -0.20 |

286.

2021-03-03 time: 13:44:46.42 UTC ML= 1.6
 lat: 47.075N lon: 19.441E h= 0.0 km
 erh= 3.8km erz= 682km
 nr= 7 gap=193 rms=0.46
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.5 | 262 | Pg | 13:44:50.70 | 0.43 |
| | | | Sg | 44:52.81 | -0.45 |
| PENC | 80.4 | 351 | Pg | 13:45:01.35 | 0.57 |
| PSZ | 99.8 | 20 | Pg | 13:45:03.96 | -0.28 |
| | | | Sg | 45:16.77 | -1.36 |
| MORH | 113.4 | 213 | Pg | 13:45:06.48 | -0.19 |
| PKSM | 113.9 | 213 | Pg | 13:45:06.80 | 0.05 |

287.

2021-03-03 time: 14:02:47.31 UTC ML= 1.7
 lat: 47.061N lon: 19.455E h= 0.0 km
 erh= 5.4km erz= 900km
 nr= 6 gap=194 rms=0.55
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.4 | 266 | Pg | 14:02:51.71 | 0.39 |
| | | | Sg | 02:53.97 | -0.47 |
| PENC | 82.1 | 351 | Pg | 14:03:02.45 | 0.47 |
| PSZ | 100.9 | 19 | Pg | 14:03:05.01 | -0.32 |
| | | | Sg | 03:17.42 | -1.96 |
| PKSM | 113.1 | 213 | Pg | 14:03:07.64 | 0.12 |

288.

2021-03-03 time: 14:04:08.69 UTC ML= 1.8
 lat: 47.090N lon: 19.452E h= 0.0 km
 erh= 3.5km erz= 588km
 nr= 7 gap=193 rms=0.41
 Locality: Táborfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.6 | 258 | Pg | 14:04:12.86 | 0.13 |
| | | | Sg | 04:15.07 | -0.82 |
| PKB1 | 60.7 | 236 | Pg | 14:04:19.86 | 0.33 |
| PENC | 78.9 | 351 | Pg | 14:04:23.30 | 0.51 |
| | | | Sg | 04:32.99 | -0.79 |
| PSZ | 97.9 | 20 | Pg | 14:04:26.04 | -0.14 |
| PKSM | 115.7 | 212 | Pg | 14:04:29.20 | -0.15 |

Földrengés paraméterek

Hypocenter Parameters

289.

2021-03-03 time: 21:44:44.33 UTC ML= 2.0
 lat: 45.559N lon: 16.091E h= 3.3 km
 erh= 2.0km erz= 1.7km
 nr= 25 gap=165 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 31.0 | 346 | Pg | 21:44:50.12 | 0.23 |
| | | | Sg | 44:54.47 | 0.24 |
| PTJ | 39.3 | 345 | Pg | 21:44:51.45 | 0.08 |
| | | | Sg | 44:56.04 | -0.83 |
| CRES | 57.7 | 301 | Pg | 21:44:54.65 | 0.01 |
| | | | Sg | 45:02.46 | -0.23 |
| KOGS | 99.6 | 7 | Pg | 21:45:02.39 | 0.27 |
| | | | Sg | 45:15.76 | -0.25 |
| GROS | 110.2 | 336 | Pg | 21:45:04.09 | 0.08 |
| BEHE | 114.3 | 28 | Pg | 21:45:04.39 | -0.36 |
| | | | Sg | 45:19.15 | -1.53 |
| BLY | 124.4 | 136 | Pn | 21:45:05.54 | -0.91 |
| | | | Sn | 45:21.08 | -2.63* |
| PERS | 141.5 | 328 | Pn | 21:45:09.41 | 0.83 |
| | | | Sn | 45:27.49 | 0.00 |
| SOKA | 148.9 | 327 | Pn | 21:45:28.40 | -0.74 |
| OBKA | 159.4 | 311 | Pn | 21:45:11.20 | 0.38 |
| | | | Sn | 45:31.17 | -0.31 |
| KOVH | 166.8 | 69 | Pn | 21:45:12.70 | 0.97 |
| | | | Sn | 45:32.63 | -0.48 |
| PKSV | 172.2 | 78 | Pn | 21:45:13.42 | 1.02 |
| | | | Sn | 45:33.36 | -0.94 |
| PKSM | 210.8 | 70 | Sn | 21:45:43.64 | 0.76 |
| MORH | 211.2 | 70 | Sn | 21:45:43.88 | 0.92 |
| RONA | 238.5 | 4 | Pn | 21:45:20.97 | 0.29 |

290.

2021-03-04 time: 3:34:03.45 UTC ML= 1.8
 lat: 46.049N lon: 17.215E h= 6.3 km
 erh= 2.1km erz= 1.8km
 nr= 28 gap= 79 rms=0.80
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 57.7 | 324 | Pg | 3:34:14.34 | 0.51 |
| | | | Sg | 34:24.61 | 2.69 |
| KOVH | 68.6 | 86 | Pg | 3:34:17.03 | 1.28 |
| | | | Sg | 34:27.05 | 1.70 |
| PKSV | 82.4 | 103 | Pg | 3:34:18.53 | 0.33 |
| | | | Sg | 34:28.60 | -1.11 |
| KOGS | 86.6 | 301 | Pg | 3:34:18.71 | -0.25 |
| | | | Sg | 34:30.53 | -0.52 |
| PKS9 | 101.4 | 54 | Pg | 3:34:21.80 | 0.20 |
| | | | Sg | 34:35.52 | -0.23 |
| TIH | 107.9 | 29 | Pg | 3:34:22.78 | 0.02 |
| | | | Sg | 34:37.03 | -0.79 |
| PKSM | 111.7 | 81 | Pg | 3:34:22.49 | -0.94 |
| | | | Sg | 34:38.03 | -0.98 |
| MORH | 112.0 | 81 | Pg | 3:34:22.52 | -0.96 |
| | | | Sg | 34:37.97 | -1.13 |
| PKB4 | 118.0 | 65 | Sn | 3:34:39.90 | -0.82 |
| MPLH | 127.0 | 11 | Pn | 3:34:25.30 | -0.22 |
| PKB5 | 131.9 | 63 | Pn | 3:34:27.16 | 1.04 |
| | | | Sn | 34:43.80 | 0.00 |
| CRES | 138.6 | 260 | Pn | 3:34:27.28 | 0.32 |
| | | | Sn | 34:44.29 | -1.00 |
| GROS | 139.8 | 289 | Sn | 3:34:43.84 | -1.72 |
| BLY | 144.6 | 181 | Pn | 3:34:28.25 | 0.54 |
| | | | Sn | 34:46.36 | -0.26 |
| PKB1 | 146.2 | 56 | Sn | 3:34:47.62 | 0.64 |
| PKST | 148.4 | 25 | Pn | 3:34:29.11 | 0.94 |
| | | | Sn | 34:47.52 | 0.06 |

291.

2021-03-04 time: 8:00:27.51 UTC ML= 1.4
 lat: 48.001N lon: 20.652E h= 0.0 km
 erh= 9.0km erz= ***km
 nr= 5 gap=208 rms=0.76
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 54.6 | 53 | Pg | 8:00:37.82 | 0.56 |
| | | | Sg | 00:44.09 | -0.78 |
| KECS | 55.0 | 347 | Pg | 8:00:38.07 | 0.74 |
| | | | Sg | 00:44.06 | -0.93 |
| PSZ | 57.3 | 261 | Sg | 8:00:44.82 | -0.92 |

292.

2021-03-04 time: 8:10:16.57 UTC ML= 2.1
 lat: 48.707N lon: 18.675E h= 0.0 km
 erh= 4.0km erz= 4.8km
 nr= 11 gap=135 rms=1.11
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 26.5 | 153 | Sg | 8:10:25.57 | 0.57 |
| A338 | 80.6 | 197 | Sg | 8:10:42.69 | 0.50 |
| A337 | 83.3 | 232 | Sg | 8:10:43.11 | 0.07 |
| MODS | 109.7 | 250 | Pg | 8:10:38.02 | 1.86 |
| | | | Sg | 10:50.28 | -1.16 |
| PENC | 111.5 | 156 | Sg | 8:10:50.54 | -1.46 |
| KECS | 135.9 | 101 | ePn | 8:10:41.60 | 1.06 |
| MORC | 144.7 | 325 | Pn | 8:10:40.95 | -0.70 |
| | | | Sn | 11:00.35 | -0.86 |
| PKSG | 147.8 | 188 | Sn | 8:11:00.41 | -1.48 |
| CSKK | 152.6 | 192 | Sn | 8:11:02.42 | -0.55 |

293.

2021-03-04 time: 10:03:27.67 UTC ML= 2.0
 lat: 48.230N lon: 21.253E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 13 gap=154 rms=0.47
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 7.4 | 352 | PgU | 10:03:29.15 | 0.16 |
| | | | Sg | 03:29.88 | -0.14 |
| KECS | 63.5 | 296 | Pg | 10:03:39.15 | 0.15 |
| | | | Sg | 03:47.23 | -0.62 |
| TRPA | 96.3 | 97 | Pg | 10:03:44.24 | -0.62 |
| | | | Sg | 03:58.12 | -0.14 |
| PSZ | 107.0 | 251 | Pg | 10:03:47.23 | 0.45 |
| | | | Sg | 04:00.99 | -0.70 |
| KOLS | 108.5 | 44 | ePg | 10:03:47.70 | 0.66 |
| | | | eSg | 04:02.60 | 0.45 |
| NIE | 149.1 | 332 | Pn | 10:03:53.51 | 0.21 |
| | | | Sn | 04:12.08 | -1.21 |
| VYHS | 181.5 | 279 | Sn | 10:04:21.02 | 0.54 |

294.

2021-03-04 time: 10:16:02.77 UTC ML= 1.6
 lat: 48.336N lon: 19.885E h= 0.0 km
 erh= 2.1km erz= 681km
 nr= 7 gap=104 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-------------|-------|
| PSZ | 46.4 | 179 | Pg | 10:16:10.92 | -0.14 |
| | | | Sg | 16:17.55 | 0.02 |

Hypocenter Parameters

KECS 47.4 70 Sg 10:16:18.66 0.83
 VYHS 79.6 283 Sg 10:16:28.10 0.03
 ABAH 100.6 93 Pg 10:16:21.07 0.34
 NIE 124.5 15 Sg 10:16:41.35 -0.98

295.

2021-03-04 time: 11:01:06.71 UTC ML= 0.8
 lat: 47.219N lon: 18.274E h= 0.0 km
 erh= 3.4km erz= 400km
 nr= 5 gap=259 rms=0.20
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.1 | 356 | Pg | 11:01:09.38 | -0.21 |
| | | | Sg | 01:11.54 | -0.29 |
| PKST | 18.7 | 284 | Sg | 11:01:12.84 | 0.17 |
| PKSG | 21.2 | 25 | Pg | 11:01:10.64 | 0.15 |
| | | | Sg | 01:13.65 | 0.21 |

296.

2021-03-04 time: 14:29:53.24 UTC ML= 1.7
 lat: 47.891N lon: 16.082E h= 0.0 km
 erh= 2.4km erz= 4.3km
 nr= 7 gap=133 rms=0.57
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 17.0 | 284 | Pg | 14:29:56.68 | 0.41 |
| | | | Sg | 29:58.99 | 0.35 |
| RONA | 26.7 | 143 | Pg | 14:29:58.09 | 0.08 |
| | | | Sg | 30:02.20 | 0.47 |
| ARSA | 82.7 | 211 | Sg | 14:30:18.79 | -0.75 |
| KRUC | 132.2 | 10 | Pn | 14:30:16.68 | -0.08 |
| | | | Sn | 30:33.05 | -2.06 |

297.

2021-03-04 time: 16:10:17.05 UTC ML= 1.6
 lat: 47.565N lon: 16.359E h= 0.0 km
 erh= 4.8km erz= 4.9km
 nr= 12 gap=204 rms=1.05
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.7 | 342 | PgU | 16:10:20.44 | 0.59 |
| | | | Sg | 10:22.11 | 0.07 |
| CONA | 55.0 | 317 | Pg | 16:10:27.53 | 0.66 |
| | | | Sg | 10:33.89 | -0.64 |
| WINA | 64.0 | 340 | Pg | 16:10:29.28 | 0.80 |
| | | | Sg | 10:37.20 | -0.19 |
| ARSA | 72.1 | 241 | Sg | 16:10:39.03 | -0.95 |
| MODS | 113.1 | 37 | Pg | 16:10:37.25 | 0.01 |
| | | | Sg | 10:51.41 | -1.58 |
| ABNA | 140.9 | 331 | Sn | 16:10:59.43 | -1.42 |
| MOA | 160.2 | 281 | Pn | 16:10:45.86 | 1.80 |
| | | | Sn | 11:02.36 | -2.77 |

298.

2021-03-05 time: 0:41:21.26 UTC ML= 2.0
 lat: 47.811N lon: 17.971E h= 16.4 km
 erh= 0.9km erz= 0.8km
 nr= 32 gap= 56 rms=0.46
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| A339 | 23.7 | 275 | Pg | 0:41:26.42 | 0.01 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|------------|-------|
| | | | Sg | 41:30.53 | 0.11 |
| SRO | 25.7 | 89 | Pg | 0:41:26.75 | 0.04 |
| | | | Sg | 41:31.39 | 0.43 |
| PNNH | 32.7 | 209 | Pg | 0:41:27.77 | -0.03 |
| | | | Sg | 41:33.01 | 0.11 |
| A338 | 36.5 | 51 | Pg | 0:41:28.06 | -0.35 |
| A337 | 50.1 | 344 | Pg | 0:41:31.15 | 0.47 |
| | | | Sg | 41:38.18 | 0.16 |
| CSKK | 54.3 | 156 | Pg | 0:41:31.38 | -0.02 |
| | | | Sg | 41:39.54 | 0.24 |
| PKSG | 56.3 | 146 | Pg | 0:41:32.05 | 0.32 |
| | | | Sg | 41:39.93 | 0.03 |
| PKST | 61.5 | 176 | Pg | 0:41:32.33 | -0.30 |
| | | | Sg | 41:40.83 | -0.67 |
| EGYH | 65.0 | 228 | Pg | 0:41:32.95 | -0.28 |
| | | | Sg | 41:42.18 | -0.38 |
| ZST | 77.7 | 304 | P* | 0:41:34.80 | -0.49 |
| | | | S* | 41:44.46 | -1.77 |
| MPLH | 78.3 | 205 | P* | 0:41:35.59 | 0.21 |
| | | | S* | 41:46.23 | -0.16 |
| MODS | 81.2 | 320 | P* | 0:41:35.65 | -0.17 |
| | | | S* | 41:45.78 | -1.39 |
| BUD | 87.1 | 115 | P* | 0:41:36.44 | -0.28 |
| SMOL | 88.0 | 333 | eP* | 0:41:37.90 | 1.04 |
| | | | eS* | 41:49.00 | -0.02 |
| PENC | 98.3 | 91 | P* | 0:41:38.31 | -0.11 |
| VYHS | 99.6 | 40 | Pn | 0:41:38.69 | 0.07 |
| | | | Sn | 41:50.74 | -1.42 |
| RONA | 126.1 | 264 | Pn | 0:41:43.12 | 1.19 |
| | | | Sn | 41:58.16 | 0.12 |
| PKSM | 184.9 | 164 | Pn | 0:41:50.14 | 0.89 |

299.

2021-03-05 time: 13:10:04.41 UTC ML= 1.4
 lat: 45.579N lon: 17.553E h= 0.0 km
 erh= 6.8km erz= 806km
 nr= 9 gap=228 rms=0.60
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 64.4 | 58 | Pg | 13:10:16.09 | 0.17 |
| | | | Sg | 10:24.34 | -0.55 |
| KOVH | 70.8 | 37 | Pg | 13:10:18.16 | 1.10 |
| | | | Sg | 10:27.35 | 0.43 |
| PKSM | 110.0 | 50 | Pg | 13:10:23.97 | -0.08 |
| | | | Sg | 10:38.00 | -1.36 |
| MORH | 110.4 | 50 | Pg | 13:10:24.02 | -0.11 |
| | | | Sg | 10:39.01 | -0.50 |
| PTJ | 129.2 | 286 | Sg | 13:10:45.00 | -0.46 |

300.

2021-03-05 time: 18:34:17.54 UTC ML= 1.2
 lat: 45.603N lon: 18.426E h= 9.2 km
 erh= 2.6km erz=10.3km
 nr= 9 gap=321 rms=0.21
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 34.5 | 337 | Pg | 18:34:23.80 | -0.11 |
| | | | Sg | 34:29.57 | 0.69 |
| KOVH | 59.6 | 335 | Pg | 18:34:28.26 | -0.05 |
| | | | Sg | 34:36.33 | -0.37 |
| PKSM | 69.7 | 14 | Pg | 18:34:30.15 | 0.05 |
| | | | Sg | 34:39.77 | -0.12 |
| MORH | 70.2 | 14 | Pg | 18:34:30.28 | 0.10 |
| | | | Sg | 34:39.86 | -0.18 |
| PKB4 | 100.2 | 8 | Sg | 18:34:49.88 | 0.35 |

Földrengés paraméterek

Hypocenter Parameters

301.

 2021-03-06 time: 9:49:49.16 UTC ML= 1.3
 lat: 46.165N lon: 18.311E h= 0.0 km
 erh= 1.7km erz= 337km
 nr= 8 gap=195 rms=0.26
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 18.4 | 243 | Pg | 9:49:52.16 | -0.29 |
| | | | Sg | 49:54.87 | -0.14 |
| PKSM | 26.0 | 78 | Pg | 9:49:54.17 | 0.37 |
| | | | Sg | 49:57.03 | -0.40 |
| MORH | 26.3 | 78 | Pg | 9:49:53.97 | 0.11 |
| | | | Sg | 49:57.23 | -0.30 |
| PKSV | 31.0 | 188 | Pg | 9:49:54.77 | 0.07 |
| | | | Sg | 49:59.34 | 0.32 |

302.

 2021-03-06 time: 12:56:56.16 UTC ML= 2.3
 lat: 45.612N lon: 16.051E h= 11.1 km
 erh= 4.6km erz= 3.2km
 nr= 18 gap=160 rms=1.04
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 24.6 | 350 | Pg | 12:57:00.61 | -0.35 |
| CRES | 52.0 | 297 | Pg | 12:57:05.47 | -0.18 |
| | | | Sg | 57:11.18 | -1.87 |
| KOGS | 94.3 | 9 | Pg | 12:57:13.68 | 0.58 |
| | | | Sg | 57:26.46 | 0.14 |
| GROS | 103.5 | 336 | P* | 12:57:15.15 | 0.54 |
| | | | S* | 57:26.82 | -2.19 |
| BEHE | 110.7 | 30 | Pn | 12:57:14.34 | -1.24 |
| | | | Sn | 57:30.63 | -0.10 |
| BLY | 130.9 | 137 | Sn | 12:57:33.00 | -2.21 |
| PERS | 134.8 | 328 | Pn | 12:57:19.37 | 0.79 |
| SOKA | 142.2 | 326 | Pn | 12:57:20.91 | 1.40 |
| OBKA | 153.1 | 311 | Pn | 12:57:22.19 | 1.32 |
| | | | Sn | 57:40.91 | 0.76 |
| KOVH | 167.8 | 72 | Sn | 12:57:42.99 | -0.40 |
| PKSV | 174.1 | 80 | Pn | 12:57:24.91 | 1.43 |
| | | | Sn | 57:44.05 | -0.74 |
| RONA | 232.9 | 5 | Pn | 12:57:29.90 | -0.91 |

303.

 2021-03-07 time: 13:02:19.85 UTC ML= 2.3
 lat: 45.588N lon: 16.084E h= 3.9 km
 erh= 1.8km erz= 1.2km
 nr= 24 gap=195 rms=0.45
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 27.7 | 345 | Pg | 13:02:24.98 | 0.13 |
| | | | Sg | 02:29.10 | 0.34 |
| PTJ | 36.1 | 344 | Pg | 13:02:26.01 | -0.32 |
| | | | Sg | 02:31.01 | -0.38 |
| CRES | 55.6 | 298 | Pg | 13:02:29.32 | -0.48 |
| | | | Sg | 02:37.07 | -0.49 |
| KOGS | 96.5 | 8 | Pg | 13:02:37.57 | 0.47 |
| | | | Sg | 02:50.65 | 0.09 |
| GROS | 107.0 | 335 | Pg | 13:02:38.84 | -0.14 |
| BEHE | 111.8 | 29 | Pg | 13:02:40.23 | 0.41 |
| | | | Sg | 02:55.02 | -0.38 |
| BLY | 127.1 | 137 | Sn | 13:02:56.20 | -3.50* |
| PERS | 138.5 | 327 | Pn | 13:02:44.02 | 0.37 |
| SOKA | 145.9 | 326 | Pn | 13:02:44.99 | 0.41 |
| | | | Sn | 03:03.65 | -0.22 |
| OBKA | 156.9 | 311 | Pn | 13:02:45.87 | -0.08 |
| | | | Sn | 03:05.71 | -0.59 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| KOVH | 166.2 | 70 | Sn | 13:03:07.23 | -1.14 |
| PKSV | 172.0 | 79 | Pn | 13:02:48.17 | 0.33 |
| | | | Sn | 03:08.80 | -0.87 |
| TRI | 181.3 | 274 | Sn | 13:03:12.38 | 0.65 |
| ARSA | 189.8 | 347 | Sn | 13:03:14.13 | 0.52 |
| PKSM | 210.3 | 71 | Sn | 13:03:19.04 | 0.89 |
| MORH | 210.6 | 71 | Sn | 13:03:18.92 | 0.70 |
| RONA | 235.4 | 4 | Pn | 13:02:55.05 | -0.68 |

304.

 2021-03-08 time: 0:43:30.81 UTC ML= 0.1
 lat: 46.104N lon: 18.392E h= 1.4 km
 erh= 0.4km erz= 7.2km
 nr= 8 gap=152 rms=0.09
 Locality: Szilágy
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 22.7 | 266 | Pg | 0:43:34.94 | 0.08 |
| | | | Sg | 43:37.95 | -0.08 |
| PKSM | 22.7 | 58 | Pg | 0:43:34.89 | 0.02 |
| | | | Sg | 43:37.95 | -0.08 |
| MORH | 23.1 | 57 | Pg | 0:43:34.92 | -0.02 |
| | | | Sg | 43:38.13 | -0.04 |
| PKSV | 26.3 | 204 | Pg | 0:43:35.62 | 0.12 |
| | | | Sg | 43:38.96 | -0.20 |

305.

 2021-03-08 time: 1:07:18.86 UTC ML= 1.8
 lat: 45.606N lon: 16.100E h= 8.2 km
 erh= 2.5km erz= 2.1km
 nr= 18 gap=217 rms=0.53
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 26.1 | 342 | Pg | 1:07:23.96 | 0.22 |
| | | | Sg | 07:28.10 | 0.55 |
| PTJ | 34.5 | 341 | Pg | 1:07:25.15 | -0.03 |
| | | | Sg | 07:29.77 | -0.35 |
| CRES | 55.7 | 296 | Pg | 1:07:28.55 | -0.36 |
| | | | Sg | 07:36.60 | -0.16 |
| KOGS | 94.3 | 7 | Pg | 1:07:35.38 | -0.38 |
| | | | Sg | 07:49.29 | 0.35 |
| GROS | 105.7 | 334 | Pg | 1:07:38.17 | 0.38 |
| | | | Sg | 07:51.77 | -0.78 |
| BEHE | 109.3 | 29 | Sg | 1:07:53.95 | 0.24 |
| | | | Pn | 1:07:46.35 | 2.00 |
| OBKA | 156.5 | 310 | Sn | 08:04.76 | 0.53 |
| | | | Sn | 1:08:06.06 | 0.08 |
| PKSV | 170.4 | 79 | Sn | 1:08:06.96 | -0.36 |
| PKSM | 208.4 | 71 | Pn | 1:07:49.69 | -1.13 |
| | | | Sn | 08:18.36 | 2.61* |
| MORH | 208.7 | 71 | Sn | 1:08:16.20 | 0.37 |

306.

 2021-03-08 time: 9:38:29.05 UTC ML= 0.9
 lat: 47.224N lon: 18.304E h= 0.0 km
 erh= 1.5km erz= 439km
 nr= 8 gap=148 rms=0.31
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.8 | 348 | Pg | 9:38:32.15 | 0.28 |
| | | | Sg | 38:34.46 | 0.40 |
| PKSG | 19.7 | 19 | Pg | 9:38:32.46 | -0.11 |
| | | | Sg | 38:34.62 | -0.70 |
| PKST | 20.8 | 281 | Pg | 9:38:32.76 | 0.00 |
| | | | Sg | 38:35.17 | -0.49 |
| MORH | 115.1 | 167 | Sg | 9:39:05.99 | 0.36 |
| PKSM | 115.5 | 167 | Sg | 9:39:05.68 | -0.08 |

Hypocenter Parameters

Földrengés paraméterek

307.

2021-03-08 time: 21:58:20.98 UTC ML= 1.0
 lat: 45.736N lon: 17.926E h= 10.6 km
 erh= 1.8km erz= 4.8km
 nr= 7 gap=333 rms=0.09
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 41.4 | 19 | Sg | 21:58:34.48 | -0.09 |
| PKSM | 76.6 | 46 | Pg | 21:58:34.74 | -0.05 |
| | | | Sg | 58:45.53 | -0.04 |
| MORH | 77.1 | 46 | Pg | 21:58:34.98 | 0.10 |
| | | | Sg | 58:45.68 | -0.03 |
| PKB4 | 99.4 | 32 | Pg | 21:58:38.77 | -0.07 |
| | | | Sg | 58:52.97 | 0.20 |

308.

2021-03-09 time: 1:55:13.61 UTC ML= 2.0
 lat: 45.588N lon: 16.059E h= 6.8 km
 erh= 2.1km erz= 1.7km
 nr= 24 gap=163 rms=0.65
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 27.2 | 349 | Pg | 1:55:18.90 | 0.28 |
| | | | Sg | 55:22.73 | 0.20 |
| PTJ | 35.5 | 347 | Pg | 1:55:19.74 | -0.33 |
| | | | Sg | 55:24.67 | -0.44 |
| CRES | 53.8 | 299 | Pg | 1:55:23.43 | 0.13 |
| | | | Sg | 55:29.73 | -1.12 |
| KOGS | 96.7 | 9 | Pg | 1:55:31.11 | 0.18 |
| | | | Sg | 55:44.35 | -0.08 |
| GROS | 106.2 | 336 | Pg | 1:55:32.68 | 0.07 |
| | | | Sg | 55:45.36 | -2.07 |
| BEHE | 112.6 | 30 | Pg | 1:55:34.03 | 0.27 |
| | | | Sg | 55:48.46 | -1.02 |
| BLY | 128.5 | 137 | Pn | 1:55:35.36 | -0.45 |
| | | | Sn | 55:52.29 | -0.83 |
| PERS | 137.4 | 328 | Pn | 1:55:37.75 | 0.85 |
| | | | Sn | 55:54.10 | -0.97 |
| SOKA | 144.8 | 327 | Pn | 1:55:38.48 | 0.65 |
| | | | Sn | 55:56.42 | -0.30 |
| OBKA | 155.4 | 311 | Pn | 1:55:40.32 | 1.17 |
| KOVH | 168.0 | 71 | Sn | 1:56:01.14 | -0.74 |
| KOVH | 168.0 | 71 | Sn | 1:56:01.14 | -0.74 |
| PKSV | 173.9 | 79 | Sn | 1:56:02.75 | -0.44 |
| ARSA | 189.3 | 347 | Sn | 1:56:07.60 | 1.00 |
| PKSM | 212.1 | 71 | Sn | 1:56:13.41 | 1.76 |
| MORH | 212.4 | 71 | Sn | 1:56:13.35 | 1.62 |

309.

2021-03-09 time: 8:58:39.34 UTC ML= 1.8
 lat: 47.355N lon: 18.429E h= 0.0 km
 erh= 1.5km erz= 3.2km
 nr= 10 gap=112 rms=0.47
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.0 | 325 | Pg | 8:58:40.67 | 0.43 |
| | | | Sg | 58:40.96 | 0.02 |
| CSKK | 12.8 | 274 | PgU | 8:58:42.03 | 0.41 |
| | | | Sg | 58:42.86 | -0.54 |
| PKST | 31.7 | 250 | Sg | 8:58:49.35 | -0.06 |
| PSZ | 126.7 | 60 | Sg | 8:59:19.87 | 0.25 |
| MORH | 127.7 | 173 | Sg | 8:59:19.40 | -0.52 |
| PKSM | 128.1 | 173 | Sg | 8:59:19.52 | -0.53 |
| VYHS | 130.3 | 14 | Sg | 8:59:19.55 | -1.20 |
| KOVH | 143.0 | 190 | Sn | 8:59:23.89 | 0.29 |

310.

2021-03-09 time: 9:11:29.31 UTC ML= 1.5
 lat: 48.373N lon: 19.091E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 13 gap= 92 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| VYHS | 23.1 | 305 | Pg | 9:11:33.74 | 0.30 |
| | | | Sg | 11:36.05 | -0.61 |
| PENC | 66.3 | 168 | Sg | 9:11:51.09 | 0.70 |
| PSZ | 78.3 | 130 | Sg | 9:11:54.32 | 0.11 |
| KECS | 104.0 | 83 | Pg | 9:11:47.99 | 0.12 |
| | | | Sg | 12:01.35 | -1.00 |
| PKSG | 121.0 | 206 | Sg | 9:12:07.15 | -0.63 |
| CSKK | 128.3 | 209 | Sg | 9:12:09.46 | -0.64 |
| MODS | 134.4 | 270 | ePn | 9:11:54.10 | 1.01 |
| | | | eSn | 12:09.40 | -2.25* |
| NIE | 146.8 | 38 | Pn | 9:11:55.12 | 0.47 |
| | | | Sn | 12:13.58 | -0.83 |
| PKST | 147.0 | 213 | Sn | 9:12:14.28 | -0.17 |

311.

2021-03-09 time: 10:30:46.42 UTC ML= 0.8
 lat: 47.193N lon: 18.277E h= 0.0 km
 erh= 1.8km erz= 190km
 nr= 5 gap=271 rms=0.09
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.0 | 356 | Pg | 10:30:49.90 | 0.09 |
| | | | Sg | 30:52.26 | -0.20 |
| PKST | 19.8 | 292 | Pg | 10:30:49.90 | -0.06 |
| | | | Sg | 30:52.76 | 0.04 |
| PKSG | 23.7 | 21 | Sg | 10:30:54.02 | 0.05 |

312.

2021-03-10 time: 1:59:47.74 UTC ML= 2.0
 lat: 47.671N lon: 20.304E h= 4.3 km
 erh= 2.3km erz= 2.3km
 nr= 26 gap= 79 rms=1.05
 Locality: Erdőtelek
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 41.2 | 312 | Pg | 1:59:55.97 | 0.84 |
| | | | Sg | 2:00:01.79 | 0.90 |
| BSZH | 41.4 | 184 | Pg | 1:59:55.29 | 0.11 |
| | | | Sg | 2:00:01.67 | 0.69 |
| PENC | 77.8 | 280 | Pg | 1:60:02.01 | 0.36 |
| | | | Sg | 60:11.82 | -0.69 |
| KECS | 91.3 | 9 | ePg | 1:60:05.40 | 1.34 |
| | | | eSg | 60:16.90 | 0.11 |
| PKSN | 92.2 | 201 | Pg | 1:60:04.33 | 0.11 |
| | | | Sg | 60:16.51 | -0.56 |
| ABAH | 98.5 | 45 | Pg | 1:60:04.87 | -0.48 |
| | | | Sg | 60:17.53 | -1.55 |
| BUD | 98.5 | 258 | Sg | 1:60:17.53 | -1.56 |
| PKS7 | 110.8 | 231 | Pg | 1:60:06.70 | -0.83 |
| | | | Sg | 60:20.59 | -2.38 |
| LTVH | 124.4 | 105 | Sn | 1:60:25.52 | -1.37 |
| PKB2 | 137.0 | 216 | Pn | 1:60:11.33 | 0.03 |
| | | | Sn | 60:28.46 | -1.22 |
| VYHS | 142.6 | 310 | Sn | 1:60:31.08 | 0.16 |
| PKSG | 147.4 | 258 | Sn | 1:60:29.73 | -2.26 |
| PKB1 | 151.1 | 229 | Pn | 1:60:13.67 | 0.61 |
| | | | Sn | 60:32.74 | -0.07 |
| PKS2 | 155.1 | 212 | Sn | 1:60:34.19 | 0.49 |
| PKB5 | 168.7 | 225 | Sn | 1:60:38.60 | 1.87 |
| PKB4 | 183.6 | 225 | Pn | 1:60:19.72 | 2.60 |

Földrengés paraméterek

Hypocenter Parameters

Sn 60:42.59 2.55

316.

313.

2021-03-10 time: 8:08:31.60 UTC ML= 1.5
 lat: 48.491N lon: 19.100E h= 0.0 km
 erh= 3.2km erz= 3.4km
 nr= 13 gap= 79 rms=1.04
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 19.5 | 271 | Pg | 8:08:35.86 | | | 0.77 |
| | | | Sg | 08:38.46 | | | 0.65 |
| PENC | 79.0 | 170 | Sg | 8:08:56.85 | | | 0.14 |
| PSZ | 86.8 | 137 | Sg | 8:08:58.51 | | | -0.68 |
| KECS | 102.4 | 90 | Pg | 8:08:49.92 | | | 0.03 |
| | | | Sg | 09:01.76 | | | -2.40 |
| PKSG | 133.2 | 203 | Pn | 8:08:56.08 | | | 0.84 |
| | | | Sn | 09:12.85 | | | -0.83 |
| MODS | 135.5 | 264 | Sn | 8:09:12.06 | | | -2.14 |
| NIE | 136.2 | 41 | Pn | 8:08:56.85 | | | 1.23 |
| CSKK | 140.2 | 207 | Sn | 8:09:14.66 | | | -0.57 |
| ABAH | 159.9 | 98 | Sn | 8:09:19.94 | | | 0.33 |
| MORC | 182.7 | 322 | Sn | 8:09:22.85 | | | -1.83 |

314.

2021-03-10 time: 8:35:10.01 UTC ML= 1.5
 lat: 47.428N lon: 18.413E h= 0.0 km
 erh= 2.0km erz= 2.7km
 nr= 10 gap=137 rms=0.90
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 4.4 | 203 | Pg | 8:35:11.52 | | | 0.72 |
| | | | Sg | 35:12.05 | | | 0.64 |
| CSKK | 13.6 | 238 | Pg | 8:35:13.08 | | | 0.64 |
| | | | Sg | 35:14.46 | | | 0.12 |
| PKST | 34.3 | 237 | Sg | 8:35:20.26 | | | -0.64 |
| VYHS | 122.6 | 15 | Sg | 8:35:48.63 | | | -0.36 |
| PSZ | 123.9 | 64 | Pg | 8:35:32.06 | | | -0.07 |
| | | | Sg | 35:49.58 | | | 0.20 |
| MORH | 135.9 | 173 | Sn | 8:35:49.93 | | | -2.77 |
| PKSM | 136.3 | 173 | Sn | 8:35:50.43 | | | -2.36 |

315.

2021-03-10 time: 10:11:22.83 UTC ML= 1.7
 lat: 47.910N lon: 20.067E h= 0.0 km
 erh= 2.8km erz= 2.4km
 nr= 12 gap=175 rms=0.65
 Locality: Paráđ
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PSZ | 12.9 | 274 | Pg | 10:11:25.78 | | | 0.64 |
| | | | Sg | 11:27.69 | | | 0.75 |
| KECS | 70.9 | 26 | Sg | 10:11:45.33 | | | -0.04 |
| BUD | 91.5 | 239 | Sg | 10:11:51.05 | | | -0.88 |
| ABAH | 97.3 | 64 | Pg | 10:11:40.41 | | | 0.21 |
| | | | Sg | 11:53.41 | | | -0.35 |
| VYHS | 112.2 | 305 | Pg | 10:11:42.54 | | | -0.33 |
| | | | Sg | 11:57.18 | | | -1.32 |
| PKSG | 138.5 | 245 | Sn | 10:12:05.13 | | | -0.96 |
| CSKK | 148.8 | 246 | Sn | 10:12:08.38 | | | 0.01 |
| NIE | 168.8 | 6 | Sn | 10:12:14.00 | | | 1.19 |
| PKST | 169.2 | 245 | Sn | 10:12:13.35 | | | 0.45 |

2021-03-10 time: 17:45:03.20 UTC ML= 1.6
 lat: 45.671N lon: 18.059E h= 6.8 km
 erh= 4.9km erz= 3.3km
 nr= 14 gap=177 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSV | 28.5 | 32 | PgD | 17:45:09.18 | | | 0.74 |
| | | | Sg | 45:13.00 | | | 0.48 |
| KOVH | 46.6 | 4 | PgD | 17:45:11.59 | | | -0.01 |
| | | | Sg | 45:17.03 | | | -1.12 |
| PKSM | 75.2 | 37 | Pg | 17:45:16.69 | | | 0.00 |
| | | | Sg | 45:26.05 | | | -1.16 |
| MORH | 75.7 | 37 | Pg | 17:45:16.54 | | | -0.24 |
| | | | Sg | 45:26.31 | | | -1.06 |
| PKB4 | 101.0 | 25 | Pg | 17:45:21.35 | | | 0.07 |
| BLY | 123.4 | 214 | Sn | 17:45:40.24 | | | -1.32 |
| BEHE | 133.3 | 312 | Sn | 17:45:42.83 | | | -0.93 |
| PKB1 | 136.1 | 25 | Pn | 17:45:27.17 | | | 0.83 |
| | | | Sn | 45:44.74 | | | 0.35 |
| TIH | 137.3 | 355 | Pn | 17:45:27.56 | | | 1.08 |

317.

2021-03-10 time: 17:50:39.72 UTC ML= 0.8
 lat: 45.781N lon: 18.066E h= 16.2 km
 erh= 0.4km erz= 0.4km
 nr= 6 gap=314 rms=0.03
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 18.7 | 50 | Pg | 17:50:44.11 | | | -0.04 |
| | | | Sg | 50:47.63 | | | 0.03 |
| KOVH | 34.3 | 4 | Pg | 17:50:46.47 | | | -0.02 |
| | | | Sg | 50:51.79 | | | 0.02 |
| PKSM | 65.4 | 43 | Pg | 17:50:51.79 | | | 0.04 |
| | | | Sg | 51:01.13 | | | -0.01 |

318.

2021-03-11 time: 9:45:18.11 UTC ML= 1.9
 lat: 47.317N lon: 18.446E h= 0.0 km
 erh= 1.9km erz= 5.0km
 nr= 9 gap=115 rms=0.68
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 9.4 | 334 | PgU | 9:45:19.91 | | | 0.13 |
| | | | Sg | 45:20.15 | | | -0.94 |
| CSKK | 14.9 | 290 | Pg | 9:45:21.47 | | | 0.69 |
| | | | Sg | 45:22.95 | | | 0.09 |
| PKST | 31.8 | 258 | Sg | 9:45:27.57 | | | -0.64 |
| MORH | 123.3 | 173 | Sg | 9:45:57.47 | | | 0.17 |
| PKSM | 123.7 | 173 | Sg | 9:45:57.22 | | | -0.21 |
| PSZ | 127.8 | 58 | Sg | 9:45:59.63 | | | 0.89 |
| VYHS | 134.1 | 13 | Sn | 9:45:58.37 | | | -2.03 |

319.

2021-03-11 time: 10:25:56.42 UTC ML= 0.9
 lat: 47.232N lon: 18.242E h= 0.0 km
 erh= 0.6km erz=63.3km
 nr= 5 gap=249 rms=0.03
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|------|
| CSKK | 14.7 | 5 | Pg | 10:25:59.05 | | | 0.01 |
| | | | Sg | 26:01.11 | | | 0.03 |

Hypocenter Parameters

PKST 16.0 281 Pg 10:25:59.30 0.02
 Sg 26:01.46 -0.05
 PKSG 21.0 32 Sg 10:26:03.07 -0.03

320.

2021-03-11 time: 10:48:27.70 UTC ML= 2.1
 lat: 48.205N lon: 21.255E h= 0.0 km
 erh= 0.9km erz= 1.2km
 nr= 14 gap=158 rms=0.28
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ABAH | 10.1 | 353 | PgU | 10:48:29.53 | | | 0.01 |
| | | | Sg | 48:30.96 | | | 0.03 |
| KECS | 64.9 | 298 | Pg | 10:48:39.34 | | | 0.05 |
| | | | Sg | 48:47.85 | | | -0.48 |
| TRPA | 95.9 | 95 | Pg | 10:48:45.02 | | | 0.20 |
| | | | Sg | 48:57.92 | | | -0.26 |
| PSZ | 106.3 | 253 | Pg | 10:48:46.52 | | | -0.17 |
| | | | Sg | 49:01.13 | | | -0.37 |
| KOLS | 110.4 | 43 | Pg | 10:48:47.63 | | | 0.21 |
| | | | Sg | 49:02.19 | | | -0.61 |
| NIE | 151.7 | 333 | Pn | 10:48:54.15 | | | 0.50 |
| | | | Sn | 49:13.93 | | | 0.05 |
| LANS | 168.5 | 309 | Sn | 10:49:17.85 | | | 0.24 |
| VYHS | 182.2 | 280 | Sn | 10:49:22.07 | | | 1.42* |

321.

2021-03-11 time: 11:00:29.42 UTC ML= 1.7
 lat: 48.142N lon: 16.909E h= 0.0 km
 erh= 6.8km erz= 5.7km
 nr= 8 gap=154 rms=0.60
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MODS | 37.5 | 47 | Pg | 11:00:36.35 | | | 0.23 |
| | | | Sg | 00:41.00 | | | -0.35 |
| RONA | 67.2 | 223 | Pg | 11:00:41.27 | | | -0.16 |
| | | | Sg | 00:50.00 | | | -0.80 |
| CONA | 81.7 | 253 | Pg | 11:00:44.08 | | | 0.07 |
| | | | Sg | 00:55.36 | | | -0.02 |
| VYHS | 148.2 | 75 | Pn | 11:00:55.99 | | | 1.06 |
| | | | Sn | 01:13.54 | | | -1.29 |

322.

2021-03-11 time: 15:27:22.69 UTC ML= 1.6
 lat: 48.565N lon: 20.797E h= 0.0 km
 erh= 1.4km erz= 2.6km
 nr= 12 gap= 91 rms=0.42
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KECS | 24.7 | 248 | Pg | 15:27:27.31 | | | 0.21 |
| | | | Sg | 27:30.92 | | | 0.37 |
| ABAH | 44.3 | 132 | Pg | 15:27:30.82 | | | 0.21 |
| | | | Sg | 27:36.70 | | | -0.08 |
| PSZ | 98.3 | 223 | Pg | 15:27:40.61 | | | 0.37 |
| | | | Sg | 27:53.27 | | | -0.66 |
| NIE | 101.4 | 340 | Pg | 15:27:41.02 | | | 0.23 |
| | | | Sg | 27:55.33 | | | 0.42 |
| KOLS | 116.0 | 69 | eSg | 15:27:59.10 | | | -0.47 |
| LANS | 117.3 | 304 | Pg | 15:27:42.72 | | | -0.91 |
| VYHS | 145.1 | 267 | Pn | 15:27:47.84 | | | 0.03 |
| | | | Sn | 28:06.77 | | | -0.63 |

Földrengés paraméterek

323.

2021-03-12 time: 8:19:16.89 UTC ML= 1.0
 lat: 45.870N lon: 18.403E h= 0.0 km
 erh= 0.9km erz= 139km
 nr= 7 gap=254 rms=0.09
 Locality: Kisharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSV | 11.9 | 280 | Pg | 8:19:18.92 | | | -0.09 |
| | | | Sg | 19:20.78 | | | 0.12 |
| KOVH | 33.7 | 316 | Sg | 8:19:27.51 | | | -0.11 |
| PKSM | 42.2 | 26 | Pg | 8:19:24.40 | | | -0.03 |
| | | | Sg | 19:30.22 | | | -0.09 |
| MORH | 42.7 | 26 | Pg | 8:19:24.65 | | | 0.13 |
| | | | Sg | 19:30.52 | | | 0.05 |

324.

2021-03-12 time: 8:43:47.07 UTC ML= 1.8
 lat: 48.652N lon: 18.581E h= 0.0 km
 erh= 1.8km erz= 2.0km
 nr= 18 gap= 81 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 25.7 | 133 | Pg | 8:43:52.41 | | | 0.74 |
| | | | Sg | 43:55.07 | | | -0.18 |
| LANS | 85.5 | 50 | Pg | 8:44:02.00 | | | -0.33 |
| | | | Sg | 44:13.55 | | | -0.69 |
| SMOL | 86.4 | 260 | Pg | 8:44:02.04 | | | -0.45 |
| | | | Sg | 44:14.51 | | | -0.02 |
| MODS | 101.2 | 252 | eSg | 8:44:22.70 | | | 3.48 |
| PENC | 109.0 | 151 | Sg | 8:44:20.98 | | | -0.74 |
| PSZ | 127.1 | 130 | Pg | 8:44:10.04 | | | 0.27 |
| | | | Sg | 44:25.80 | | | -1.67 |
| PKSG | 140.8 | 186 | Sn | 8:44:30.77 | | | -0.07 |
| KECS | 141.8 | 98 | Pn | 8:44:12.15 | | | 0.36 |
| | | | Sn | 44:30.66 | | | -0.41 |
| CSKK | 145.3 | 189 | Sn | 8:44:32.34 | | | 0.51 |
| MORC | 146.2 | 329 | Pn | 8:44:12.45 | | | 0.12 |
| | | | Sn | 44:31.12 | | | -0.92 |
| NIE | 152.7 | 56 | Pn | 8:44:14.56 | | | 1.42 |
| | | | Sn | 44:33.64 | | | 0.16 |

325.

2021-03-12 time: 9:01:53.48 UTC ML= 1.2
 lat: 48.517N lon: 20.663E h= 0.0 km
 erh= 2.6km erz= 3.4km
 nr= 6 gap=134 rms=0.82
 Locality: Szögliget
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 13.6 | 254 | Pg | 9:01:56.18 | | | 0.27 |
| | | | Sg | 01:59.69 | | | 1.89 |
| ABAH | 49.3 | 120 | Sg | 9:02:09.25 | | | 0.11 |
| NIE | 103.5 | 346 | Sg | 9:02:26.51 | | | 0.13 |
| VYHS | 135.0 | 269 | Pn | 9:02:16.56 | | | -0.78 |
| | | | Sn | 02:34.79 | | | -1.17 |

326.

2021-03-12 time: 9:25:01.16 UTC ML= 1.4
 lat: 47.861N lon: 19.104E h= 0.0 km
 erh= 1.3km erz= 497km
 nr= 11 gap=114 rms=0.41
 Locality: Szendehely
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 15.5 | 120 | Pg | 9:25:04.10 | 0.17 |
| | | | Sg | 25:06.21 | 0.13 |
| PSZ | 59.5 | 84 | Pg | 9:25:12.14 | 0.35 |
| | | | Sg | 25:19.27 | -0.80 |
| VYHS | 73.1 | 344 | Pg | 9:25:14.80 | 0.57 |
| | | | Sg | 25:23.99 | -0.42 |
| PKSG | 74.8 | 226 | Sg | 9:25:24.54 | -0.40 |
| PKST | 104.7 | 230 | Pg | 9:25:19.82 | -0.04 |
| | | | Sg | 25:33.93 | -0.51 |
| KECS | 123.9 | 56 | ePg | 9:25:23.30 | 0.01 |
| | | | eSg | 25:39.40 | -1.15 |

327.

2021-03-12 time: 9:53:30.65 UTC ML= 1.9
 lat: 46.892N lon: 17.384E h= 0.0 km
 erh= 2.7km erz= 8.1km
 nr= 12 gap=129 rms=1.14
 Locality: Lesenceistvánd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 33.1 | 21 | Pg | 9:53:36.77 | 0.20 |
| | | | Sg | 53:40.19 | -1.00 |
| TIH | 38.8 | 89 | Sg | 9:53:44.40 | 1.41 |
| PKST | 64.1 | 50 | Sg | 9:53:51.64 | 0.61 |
| BEHE | 66.0 | 225 | Pg | 9:53:44.15 | 1.70 |
| | | | Sg | 53:52.63 | 0.98 |
| PKSG | 94.5 | 54 | Sg | 9:53:59.96 | -0.72 |
| KOGS | 99.8 | 240 | Sg | 9:54:01.42 | -0.95 |
| KOVH | 104.9 | 148 | Sg | 9:54:02.97 | -1.01 |
| MORH | 122.4 | 128 | Sg | 9:54:08.64 | -0.92 |
| PKSM | 122.5 | 128 | Sg | 9:54:08.79 | -0.80 |
| GROS | 151.8 | 252 | Sn | 9:54:14.22 | -2.64 |

328.

2021-03-12 time: 10:22:24.14 UTC ML= 0.9
 lat: 48.427N lon: 19.576E h= 0.0 km
 erh= ---km erz= ---km
 nr= 4 gap=167 rms=0.23
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 55.2 | 278 | Pg | 10:22:34.25 | 0.25 |
| | | | Sg | 22:41.38 | -0.32 |
| PSZ | 61.3 | 157 | Sg | 10:22:43.41 | -0.23 |
| KECS | 67.5 | 85 | Sg | 10:22:45.65 | 0.04 |

329.

2021-03-12 time: 20:04:32.97 UTC ML= 2.6
 lat: 45.601N lon: 16.110E h= 6.3 km
 erh= 1.6km erz= 1.2km
 nr= 41 gap=123 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 26.9 | 340 | Pg | 20:04:38.46 | 0.55 |
| | | | Sg | 04:42.79 | 1.03 |
| PTJ | 35.3 | 340 | Pg | 20:04:39.45 | 0.07 |
| | | | Sg | 04:44.60 | 0.23 |
| GCIS | 47.8 | 308 | iPgC | 20:04:41.79 | 0.20 |
| | | | iSg | 04:48.17 | -0.13 |
| CRES | 56.7 | 296 | Pg | 20:04:43.10 | -0.06 |
| | | | Sg | 04:50.21 | -0.89 |
| BOJS | 67.9 | 261 | iPgC | 20:04:44.60 | -0.54 |
| KOGS | 94.8 | 7 | Pg | 20:04:49.73 | -0.21 |
| GROS | 106.6 | 334 | Pg | 20:04:51.07 | -0.97 |
| | | | Sg | 05:04.13 | -2.78 |
| BEHE | 109.5 | 28 | Pg | 20:04:52.67 | 0.11 |
| BLY | 126.9 | 138 | Pn | 20:04:55.09 | 0.07 |

| | | | | | |
|------|-------|-----|----|-------------|--------|
| PERS | 138.3 | 326 | Pn | 05:11.97 | -0.24 |
| SOKA | 145.8 | 325 | Pn | 20:04:56.93 | 0.48 |
| | | | Sn | 05:13.08 | -1.68 |
| OBKA | 157.4 | 310 | Pn | 20:04:58.02 | 0.64 |
| | | | Sn | 05:15.95 | -0.47 |
| KOVH | 163.8 | 71 | Pn | 20:04:59.40 | 0.57 |
| | | | Sn | 05:18.25 | -0.75 |
| PKSV | 169.8 | 79 | Pn | 20:04:58.90 | -0.73 |
| | | | Sn | 05:20.37 | -0.05 |
| TRI | 183.2 | 274 | Pn | 20:05:00.48 | 0.11 |
| | | | Sn | 05:22.13 | 0.39 |
| ARSA | 188.8 | 346 | Pn | 20:05:03.14 | 1.09 |
| | | | Sn | 05:25.96 | 1.23 |
| PKSM | 207.8 | 71 | Pn | 20:05:03.32 | 0.57 |
| | | | Sn | 05:26.56 | 0.59 |
| MORH | 208.2 | 71 | Pn | 20:05:04.53 | -0.59 |
| | | | Sn | 05:33.60 | 3.41* |
| MYKA | 222.5 | 301 | Pn | 20:05:04.65 | -0.51 |
| | | | Sn | 05:34.03 | 3.76* |
| RONA | 233.8 | 4 | Pn | 20:05:07.79 | 0.85 |
| | | | Sn | 05:33.00 | -0.43 |
| PKST | 236.3 | 39 | Pn | 20:05:08.70 | 0.35 |
| | | | Sn | 20:05:07.80 | -0.87 |
| CONA | 259.4 | 356 | Pn | 20:05:11.66 | 0.11 |
| | | | Pn | 20:05:13.36 | 0.63 |
| KBA | 268.9 | 308 | Sn | 05:43.14 | -0.60 |
| | | | Pn | 20:05:14.81 | 0.86 |
| WINA | 278.7 | 359 | Sn | 05:42.56 | -3.35* |
| | | | Pn | 20:05:16.58 | 1.59 |
| MOA | 287.0 | 331 | Sn | 05:46.80 | -0.95 |
| | | | Pn | 20:05:18.74 | 2.17* |
| BIOA | 299.7 | 321 | Sn | 05:50.46 | -0.11* |
| | | | Pn | 20:05:18.24 | 0.93* |
| ABTA | 305.7 | 295 | Sn | 05:56.52 | 4.62* |
| | | | Pn | 20:05:22.56 | 1.91* |
| LESA | 332.4 | 308 | Sn | 05:59.26 | 1.42* |
| | | | Pn | 20:05:22.39 | 0.16* |
| ABNA | 345.1 | 351 | Sn | 05:59.08 | -1.58* |
| | | | Pn | 20:05:27.31 | -0.57* |
| WTTA | 390.4 | 298 | Sn | 06:09.41 | -1.29* |
| | | | Pn | 20:05:31.68 | 0.40* |
| SQTA | 417.7 | 296 | Pn | 20:05:34.87 | 0.36* |
| FETA | 443.5 | 291 | Pn | 20:05:43.36 | 0.06* |
| DAVA | 514.1 | 291 | Pn | | |

330.

2021-03-15 time: 10:03:21.56 UTC ML= 1.5
 lat: 48.577N lon: 20.716E h= 0.0 km
 erh= 3.0km erz= 3.8km
 nr= 9 gap=165 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 20.0 | 239 | Pg | 10:03:25.26 | 0.13 |
| | | | Sg | 03:27.72 | -0.19 |
| ABAH | 49.8 | 129 | Pg | 10:03:30.33 | -0.12 |
| | | | Sg | 03:37.26 | -0.12 |
| PSZ | 95.3 | 220 | Pg | 10:03:39.12 | 0.53 |
| | | | Sg | 03:51.22 | -0.65 |
| KOLS | 121.1 | 71 | Sg | 10:03:59.00 | -1.07 |
| VYHS | 139.2 | 266 | Pn | 10:03:45.79 | -0.16 |
| TRPA | 144.0 | 110 | Pn | 10:03:47.00 | 0.45 |

331.

2021-03-15 time: 11:15:41.69 UTC ML= 1.7
 lat: 48.287N lon: 19.851E h= 0.0 km
 erh= 2.0km erz= 4.4km
 nr= 16 gap= 86 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-------------|-------|
| PSZ | 41.1 | 176 | Pg | 11:15:48.45 | -0.58 |

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|----------------|------|-----|-------|-------------|----|-------|-----|
| KECS 51.8 65 | | | Sg | 15:53.67 | | -1.08 | |
| | | | Pg | 11:15:51.06 | | 0.12 | |
| | | | Sg | 15:59.28 | | 1.13 | |
| PENC 69.7 218 | | | Pg | 11:15:54.76 | | 0.63 | |
| | | | Sg | 16:03.91 | | 0.08 | |
| VYHS 78.6 287 | | | Pg | 11:15:56.27 | | 0.54 | |
| | | | Sg | 16:05.42 | | -1.26 | |
| LANS 100.1 344 | | | Pg | 11:15:59.28 | | -0.28 | |
| | | | Sg | 16:12.74 | | -0.76 | |
| ABAH 103.0 89 | | | Pg | 11:16:00.69 | | 0.61 | |
| | | | Sg | 16:13.24 | | -1.19 | |
| NIE 130.4 15 | | | Pg | 11:16:05.41 | | 0.44 | |
| | | | Sg | 16:21.77 | | -1.35 | |
| PKSG 147.9 228 | | | Pn | 11:16:08.22 | | 1.06 | |
| | | | Sn | 16:26.29 | | -0.73 | |

332.

2021-03-15 time: 16:27:06.46 UTC ML= 1.4
 lat: 45.772N lon: 18.057E h= 12.2 km
 erh= 3.3km erz= 3.7km
 nr= 9 gap=316 rms=0.32
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|--------------|------|-----|-------|-------------|----|-------|-----|
| PKSV 20.0 49 | | | Pg | 16:27:10.69 | | 0.05 | |
| | | | Sg | 27:14.52 | | 0.61 | |
| KOVH 35.3 5 | | | Pg | 16:27:13.05 | | -0.09 | |
| | | | Sg | 27:18.48 | | 0.13 | |
| PKSM 66.7 43 | | | Pg | 16:27:18.32 | | -0.24 | |
| | | | Sg | 27:27.72 | | -0.28 | |
| MORH 67.1 43 | | | Pg | 16:27:18.32 | | -0.33 | |
| | | | Sg | 27:27.97 | | -0.18 | |
| PKB4 91.0 28 | | | Pg | 16:27:23.44 | | 0.59 | |

333.

2021-03-15 time: 16:43:25.82 UTC ML= 1.1
 lat: 45.791N lon: 18.046E h= 13.1 km
 erh= 1.9km erz= 1.2km
 nr= 9 gap=311 rms=0.17
 Locality: Cún
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|--------------|------|-----|-------|-------------|----|-------|-----|
| PKSV 19.3 56 | | | Pg | 16:43:30.07 | | 0.08 | |
| | | | Sg | 43:33.58 | | 0.34 | |
| KOVH 33.3 7 | | | Pg | 16:43:32.33 | | 0.11 | |
| | | | Sg | 43:37.10 | | -0.11 | |
| PKSM 65.7 45 | | | Pg | 16:43:37.60 | | -0.18 | |
| | | | Sg | 43:46.99 | | -0.12 | |
| MORH 66.1 44 | | | Pg | 16:43:37.60 | | -0.26 | |
| | | | Sg | 43:47.34 | | 0.08 | |
| PKB4 89.5 29 | | | P* | 16:43:42.12 | | 0.17 | |

334.

2021-03-15 time: 19:17:29.06 UTC ML= 2.4
 lat: 45.582N lon: 16.069E h= 8.1 km
 erh= 1.3km erz= 1.2km
 nr= 46 gap=126 rms=0.51
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|---------------|------|-----|-------|-------------|----|-------|-----|
| ZAG 28.0 348 | | | PgU | 19:17:34.74 | | 0.47 | |
| | | | Sg | 17:38.43 | | 0.09 | |
| PTJ 36.4 346 | | | Pg | 19:17:35.72 | | 0.01 | |
| | | | Sg | 17:40.21 | | -0.69 | |
| GCIS 46.8 313 | | | iPgC | 19:17:38.01 | | 0.47 | |
| | | | eSg | 17:45.65 | | 1.50 | |
| CRES 54.9 300 | | | PgU | 19:17:39.18 | | 0.21 | |
| | | | Sg | 17:46.08 | | -0.61 | |
| GOLS 58.9 324 | | | iPgC | 19:17:39.92 | | 0.25 | |

Földrengés paraméterek

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|----------------|------|-----|-------|-------------|----|-------|-----|
| CESS | 64.1 | 313 | ePg | 19:17:41.17 | | 0.57 | |
| BOJS 64.4 262 | | | iPg | 19:17:40.90 | | 0.24 | |
| | | | iSg | 17:48.62 | | -1.09 | |
| DOBS 78.4 324 | | | iPg | 19:17:43.33 | | 0.19 | |
| | | | Pg | 19:17:45.94 | | -0.55 | |
| KOGS 97.3 8 | | | Sg | 17:58.03 | | -2.05 | |
| | | | iPg | 19:17:46.87 | | 0.16 | |
| GBRS 98.5 267 | | | eSg | 17:59.23 | | -1.25 | |
| | | | iPgC | 19:17:46.74 | | -0.03 | |
| PDKS 98.8 303 | | | eSg | 17:59.95 | | -0.63 | |
| | | | ePg | 19:17:46.67 | | -0.12 | |
| VISS 98.9 284 | | | eSg | 17:59.96 | | -0.65 | |
| | | | ePg | 19:17:48.00 | | -0.24 | |
| GROS 107.1 336 | | | Pn | 19:17:48.25 | | -0.88 | |
| | | | Pn | 19:17:51.10 | | 0.14 | |
| BEHE 112.8 29 | | | Pn | 18:06.96 | | -1.08 | |
| | | | Pn | 19:17:53.76 | | 0.52 | |
| BLY 127.5 137 | | | Sn | 18:11.79 | | -0.31 | |
| | | | Pn | 19:17:55.41 | | 0.85 | |
| SOKA 145.8 327 | | | Sn | 18:16.36 | | 1.90 | |
| | | | Pn | 19:17:55.53 | | -0.41 | |
| OBKA 156.4 311 | | | Sn | 18:16.91 | | 0.00 | |
| | | | Pn | 19:17:57.11 | | 0.45 | |
| KOVH 167.5 70 | | | Sn | 18:18.41 | | 0.22 | |
| | | | Pn | 19:17:59.01 | | 0.24 | |
| PKSV 173.3 79 | | | Sn | 18:22.33 | | 0.39 | |
| | | | Pn | 19:18:01.66 | | 0.46 | |
| ARSA 190.1 347 | | | Pn | 19:18:01.89 | | 0.46 | |
| | | | Pn | 19:18:00.97 | | -0.51 | |
| MPLH 209.6 33 | | | Pn | 19:18:05.06 | | 0.57 | |
| | | | Pn | 18:32.03 | | -0.09 | |
| PKSM 211.5 71 | | | Pn | 19:18:04.39 | | -0.58 | |
| | | | Pn | 19:18:08.15 | | 0.51 | |
| MORH 211.9 71 | | | Sn | 18:37.11 | | -0.62 | |
| | | | Pn | 19:18:10.56 | | 0.50 | |
| RONA 236.0 4 | | | Pn | 19:18:11.31 | | 0.43 | |
| | | | Sn | 18:43.09 | | -0.41 | |
| PKST 239.9 39 | | | Pn | 19:18:17.05 | | 0.68* | |
| | | | Sn | 18:53.80 | | 0.54* | |
| CONA 261.3 357 | | | Pn | 19:18:17.05 | | 0.68* | |
| | | | Sn | 18:53.80 | | 0.54* | |
| WINA 280.7 0 | | | Pn | 19:18:17.05 | | 0.68* | |
| | | | Sn | 18:53.80 | | 0.54* | |
| MOA 287.3 331 | | | Pn | 19:18:17.05 | | 0.68* | |
| | | | Sn | 18:53.80 | | 0.54* | |
| LESA 331.3 308 | | | Pn | 19:18:17.05 | | 0.68* | |
| | | | Sn | 18:53.80 | | 0.54* | |

335.

2021-03-16 time: 8:12:04.38 UTC ML= 0.6
 lat: 45.843N lon: 18.435E h= 0.0 km
 erh= 3.7km erz= 461km
 nr= 5 gap=268 rms=0.22
 Locality: Nagyarsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|---------------|------|-----|-------|------------|----|-------|-----|
| PKSV 15.1 289 | | | Pg | 8:12:07.07 | | 0.00 | |
| | | | Sg | 12:09.48 | | 0.31 | |
| KOVH 37.6 316 | | | Sg | 8:12:15.89 | | -0.45 | |
| | | | Sg | 8:12:18.50 | | 0.16 | |
| PKSM 43.9 21 | | | Sg | 8:12:18.50 | | 0.16 | |
| | | | Sg | 8:12:18.42 | | -0.08 | |
| MORH 44.4 21 | | | Sg | 8:12:18.42 | | -0.08 | |

336.

2021-03-16 time: 8:50:20.17 UTC ML= 1.2
 lat: 47.287N lon: 18.327E h= 0.0 km
 erh= 1.8km erz= 2.1km
 nr= 10 gap=109 rms=0.42
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|----------------|------|-----|-------|------------|----|-------|-----|
| CSKK 9.8 329 | | | Pg | 8:50:22.09 | | 0.16 | |
| | | | Sg | 50:22.78 | | -0.52 | |
| PKSG 12.6 22 | | | Pg | 8:50:22.84 | | 0.42 | |
| | | | Sg | 50:24.37 | | 0.20 | |
| PKST 22.4 262 | | | Pg | 8:50:24.33 | | 0.16 | |
| | | | Sg | 50:27.34 | | 0.06 | |
| MORH 121.5 169 | | | Sg | 8:50:57.46 | | -1.34 | |
| | | | Sn | 8:51:02.74 | | 0.22 | |
| KOVH 134.4 187 | | | Sn | 8:51:02.74 | | 0.22 | |
| | | | Sn | 8:51:02.73 | | -0.41 | |
| PSZ 137.2 59 | | | Sn | 8:51:02.73 | | -0.41 | |

Földrengés paraméterek

Hypocenter Parameters

VYHS 139.5 16 Sn 8:51:02.91 -0.74

Sn 01:27.96 -2.38

337.

2021-03-16 time: 9:42:16.82 UTC ML= 1.0
 lat: 48.545N lon: 19.124E h= 0.0 km
 erh= 1.9km erz= 3.8km
 nr= 10 gap= 83 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 22.0 | 255 | Pg | 9:42:21.20 | 0.45 |
| | | | Sg | 42:24.01 | 0.19 |
| LANS | 71.9 | 21 | Pg | 9:42:30.24 | 0.58 |
| | | | Sg | 42:40.38 | 0.70 |
| PENC | 84.7 | 172 | Sg | 9:42:44.37 | 0.62 |
| PSZ | 90.2 | 141 | Sg | 9:42:44.50 | -0.99 |
| KECS | 100.8 | 94 | Sg | 9:42:48.41 | -0.47 |
| NIE | 130.5 | 42 | Sg | 9:42:57.12 | -1.17 |
| MODS | 137.9 | 262 | Sn | 9:42:57.73 | -2.22 |
| MORC | 179.1 | 320 | Sn | 9:43:08.67 | -0.42 |

338.

2021-03-16 time: 9:44:03.97 UTC ML= 1.5
 lat: 48.513N lon: 19.135E h= 0.0 km
 erh= 2.2km erz= 3.1km
 nr= 12 gap= 59 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 22.2 | 264 | Pg | 9:44:07.71 | -0.21 |
| | | | Sg | 44:10.82 | -0.19 |
| LANS | 75.0 | 19 | Pg | 9:44:17.45 | 0.09 |
| | | | Sg | 44:26.89 | -0.91 |
| PENC | 81.1 | 172 | Sg | 9:44:30.10 | 0.36 |
| PSZ | 87.0 | 140 | Sg | 9:44:31.23 | -0.38 |
| KECS | 99.9 | 92 | Pg | 9:44:22.57 | 0.76 |
| | | | Sg | 44:34.92 | -0.81 |
| NIE | 132.6 | 41 | Pn | 9:44:28.79 | 1.25 |
| | | | Sn | 44:44.36 | -1.57 |
| CSKK | 143.6 | 207 | Sn | 9:44:47.57 | -0.78 |
| MORC | 182.3 | 320 | Sn | 9:44:57.56 | 0.60 |

339.

2021-03-16 time: 10:00:41.10 UTC ML= 1.8
 lat: 47.574N lon: 16.335E h= 0.0 km
 erh= 1.3km erz= 2.3km
 nr= 20 gap= 78 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.2 | 348 | PgU | 10:00:44.08 | 0.44 |
| | | | Sg | 00:46.19 | 0.56 |
| SOP | 20.7 | 54 | Pg | 10:00:45.08 | 0.29 |
| | | | Sg | 00:47.89 | 0.22 |
| CONA | 53.0 | 318 | Pg | 10:00:50.91 | 0.34 |
| | | | Sg | 00:57.94 | -0.01 |
| WINA | 62.4 | 342 | Pg | 10:00:51.45 | -0.80 |
| | | | Sg | 01:01.27 | 0.33 |
| ARSA | 71.1 | 240 | Pg | 10:00:54.82 | 1.03 |
| | | | Sg | 01:02.86 | -0.83 |
| MPLH | 101.4 | 116 | Sg | 10:01:13.05 | -0.29 |
| MODS | 113.4 | 38 | Sg | 10:01:16.66 | -0.47 |
| KOGS | 125.4 | 183 | Pg | 10:01:03.61 | 0.13 |
| | | | Sg | 01:20.58 | -0.36 |
| GROS | 139.0 | 207 | Sn | 10:01:22.59 | -1.89 |
| PERS | 139.4 | 222 | Pn | 10:01:05.82 | 0.30 |
| | | | Sn | 01:21.78 | -2.78 |
| SOKA | 140.3 | 225 | Pn | 10:01:05.71 | 0.08 |
| KRUC | 165.5 | 2 | Pn | 10:01:08.08 | -0.68 |

340.

2021-03-16 time: 11:08:22.71 UTC ML= 1.9
 lat: 46.849N lon: 17.222E h= 0.0 km
 erh= 1.8km erz= 2.9km
 nr= 22 gap=108 rms=0.66
 Locality: Rezi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 43.1 | 34 | Pg | 11:08:29.92 | -0.49 |
| | | | Sg | 08:36.15 | -0.26 |
| EGYH | 63.7 | 8 | Sg | 11:08:43.32 | 0.36 |
| PKST | 76.7 | 54 | Pg | 11:08:36.65 | 0.24 |
| | | | Sg | 08:46.63 | -0.47 |
| PKS9 | 85.9 | 110 | Sg | 11:08:49.50 | -0.51 |
| CSKK | 97.4 | 54 | Sg | 11:08:54.87 | 1.21 |
| SOP | 105.5 | 332 | Sg | 11:08:56.03 | -0.21 |
| PKSG | 107.3 | 56 | Pg | 11:08:41.97 | 0.10 |
| | | | Sg | 08:56.98 | 0.17 |
| KOVH | 108.1 | 141 | Sg | 11:08:57.33 | 0.24 |
| PKB4 | 112.8 | 110 | Sg | 11:08:59.64 | 1.08 |
| RONA | 117.7 | 323 | Sg | 11:08:59.24 | -0.88 |
| MORH | 129.8 | 123 | Pg | 11:08:46.19 | 0.29 |
| | | | Sg | 09:02.46 | -1.52 |
| PKSM | 129.9 | 123 | Pg | 11:08:46.49 | 0.58 |
| | | | Sg | 09:02.76 | -1.24 |
| PKSV | 133.0 | 143 | Sn | 11:09:03.56 | -1.19 |
| ARSA | 136.6 | 289 | Sn | 11:09:04.87 | -0.68 |
| GROS | 138.6 | 252 | Pn | 11:08:48.10 | 1.07 |
| | | | Sn | 09:05.57 | -0.42 |
| CONA | 158.0 | 319 | Sn | 11:09:10.69 | 0.40 |

341.

2021-03-16 time: 11:35:30.40 UTC ML= 2.0
 lat: 48.250N lon: 21.223E h= 0.0 km
 erh= 2.8km erz= 3.7km
 nr= 10 gap= 97 rms=0.85
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 5.3 | 13 | PgU | 11:35:31.92 | 0.57 |
| | | | Sg | 35:32.56 | 0.48 |
| PSZ | 105.7 | 250 | Pg | 11:35:49.99 | 0.72 |
| | | | Sg | 36:02.56 | -1.42 |
| KOLS | 108.5 | 46 | Pg | 11:35:49.21 | -0.57 |
| | | | Sg | 36:05.27 | 0.38 |
| LTVH | 108.7 | 152 | Sg | 11:36:05.71 | 0.75 |
| NIE | 146.2 | 333 | Sn | 11:36:13.81 | -1.56 |
| VYHS | 179.0 | 279 | Sn | 11:36:22.88 | 0.24 |
| BMR | 181.5 | 111 | Sn | 11:36:21.37 | -1.84 |

342.

2021-03-17 time: 7:46:28.67 UTC ML= 1.9
 lat: 48.641N lon: 18.594E h= 0.0 km
 erh= 4.0km erz= 4.5km
 nr= 13 gap= 76 rms=1.14
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 24.3 | 132 | Pg | 7:46:33.86 | 0.85 |
| | | | Sg | 46:36.37 | -0.02 |
| LANS | 85.5 | 49 | eSg | 7:46:52.70 | -3.16 |
| MODS | 101.7 | 253 | Pg | 7:46:47.34 | 0.50 |
| PENC | 107.5 | 152 | Sg | 7:47:02.23 | -0.63 |
| PSZ | 125.6 | 130 | Sg | 7:47:07.50 | -1.11 |
| PKSG | 139.8 | 186 | Sn | 7:47:11.82 | -0.39 |
| KECS | 140.8 | 97 | Sn | 7:47:12.32 | -0.11 |
| MORC | 147.7 | 329 | Pn | 7:46:53.67 | -0.45 |

Hypocenter Parameters

NIE 152.6 55 Sn 47:12.15 -1.82
 Pn 7:46:56.68 1.94
 Sn 47:14.76 -0.30
 OJC 196.1 26 Sn 7:47:26.10 1.39

343.

2021-03-17 time: 8:47:53.07 UTC ML= 1.4
 lat: 48.077N lon: 20.703E h= 0.0 km
 erh= 1.0km erz= 1.1km
 nr= 7 gap=195 rms=0.52
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 46.8 | 59 | Pg | 8:48:01.46 | 0.04 |
| | | | Sg | 48:07.67 | -0.26 |
| KECS | 47.9 | 340 | Pg | 8:48:02.12 | 0.49 |
| | | | Sg | 48:08.84 | 0.53 |
| PSZ | 62.8 | 254 | Sg | 8:48:13.01 | -0.03 |
| LANS | 150.1 | 323 | Sn | 8:48:37.64 | -1.27 |
| NIE | 151.9 | 349 | Sn | 8:48:38.36 | -0.95 |

344.

2021-03-17 time: 9:38:41.70 UTC ML= 0.9
 lat: 47.580N lon: 18.436E h= 0.0 km
 erh= 3.6km erz= 748km
 nr= 8 gap=173 rms=0.53
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 21.2 | 189 | Pg | 9:38:45.23 | -0.25 |
| | | | Sg | 38:47.26 | -1.17 |
| CSKK | 27.5 | 209 | Pg | 9:38:47.24 | 0.63 |
| | | | Sg | 38:50.79 | 0.35 |
| PKST | 46.8 | 220 | Pg | 9:38:50.46 | 0.40 |
| | | | Sg | 38:55.84 | -0.74 |
| VYHS | 105.9 | 16 | Sg | 9:39:15.33 | -0.04 |
| MODS | 123.6 | 316 | Sg | 9:39:20.70 | -0.29 |

345.

2021-03-18 time: 8:05:20.27 UTC ML= 1.6
 lat: 47.319N lon: 18.437E h= 0.0 km
 erh= 2.4km erz= 573km
 nr= 7 gap=196 rms=0.38
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.9 | 337 | PgU | 8:05:21.96 | 0.11 |
| | | | Sg | 05:22.50 | -0.59 |
| CSKK | 14.2 | 290 | Pg | 8:05:23.41 | 0.60 |
| | | | Sg | 05:24.75 | -0.05 |
| PKST | 31.2 | 258 | Sg | 8:05:29.79 | -0.40 |
| MORH | 123.6 | 173 | Sg | 8:05:59.34 | -0.23 |
| PKSM | 124.0 | 173 | Sg | 8:05:59.54 | -0.16 |

346.

2021-03-18 time: 9:48:31.52 UTC ML= 1.1
 lat: 46.239N lon: 18.220E h= 0.0 km
 erh= 4.6km erz= 648km
 nr= 8 gap=245 rms=0.67
 Locality: Mecsekpölöske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 19.1 | 209 | Pg | 9:48:35.69 | 0.76 |
| | | | Sg | 48:38.51 | 0.91 |
| PKSM | 32.6 | 95 | Pg | 9:48:37.40 | 0.05 |
| | | | Sg | 48:41.72 | -0.17 |

Földrengés paraméterek

MORH 32.8 94 Pg 9:48:37.70 0.32
 Sg 48:41.82 -0.13
 PKSV 39.0 176 Pg 9:48:37.60 -0.88
 Sg 48:42.52 -1.40

347.

2021-03-18 time: 9:49:50.06 UTC ML= 0.9
 lat: 47.852N lon: 16.025E h= 0.0 km
 erh= 1.9km erz= 3.8km
 nr= 7 gap=175 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 14.9 | 305 | Pg | 9:49:52.87 | 0.15 |
| | | | Sg | 49:55.11 | 0.32 |
| RONA | 26.5 | 130 | Pg | 9:49:54.94 | 0.16 |
| | | | Sg | 49:58.52 | 0.05 |
| WINA | 28.6 | 7 | Pg | 9:49:55.65 | 0.48 |
| | | | Sg | 49:58.41 | -0.74 |
| KRUC | 137.3 | 11 | Sn | 9:50:30.33 | -2.72 |

348.

2021-03-18 time: 10:02:58.47 UTC ML= 2.1
 lat: 48.227N lon: 21.243E h= 0.0 km
 erh= 1.3km erz= 2.0km
 nr= 10 gap=155 rms=0.39
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 7.7 | 358 | Pg | 10:03:00.12 | 0.27 |
| | | | Sg | 03:00.92 | 0.00 |
| KECS | 63.0 | 297 | Pg | 10:03:10.21 | 0.49 |
| | | | Sg | 03:18.10 | -0.39 |
| TRPA | 97.0 | 96 | Pg | 10:03:15.64 | -0.14 |
| | | | Sg | 03:28.79 | -0.50 |
| PSZ | 106.2 | 251 | Pg | 10:03:17.84 | 0.40 |
| | | | Sg | 03:31.80 | -0.43 |
| NIE | 149.1 | 333 | Sn | 10:03:43.35 | -0.74 |
| VYHS | 180.9 | 279 | Sn | 10:03:50.78 | -0.35 |
| DRGR | 194.1 | 145 | Sn | 10:03:56.71 | 2.64* |

349.

2021-03-18 time: 10:26:49.20 UTC ML= 1.6
 lat: 48.584N lon: 20.744E h= 0.0 km
 erh= 2.3km erz= 5.4km
 nr= 10 gap= 90 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.1 | 240 | Pg | 10:26:53.30 | 0.15 |
| | | | Sg | 26:56.71 | 0.47 |
| ABAH | 48.6 | 131 | Pg | 10:26:58.19 | 0.31 |
| | | | Sg | 27:04.60 | -0.06 |
| PSZ | 97.3 | 220 | Sg | 10:27:19.46 | -0.65 |
| NIE | 98.1 | 341 | Pg | 10:27:08.11 | 1.40 |
| | | | Sg | 27:19.38 | -1.00 |
| LANS | 112.9 | 304 | Sg | 10:27:24.27 | -0.81 |
| KOLS | 118.9 | 71 | Sg | 10:27:26.38 | -0.62 |
| VYHS | 141.3 | 266 | Sn | 10:27:32.00 | -1.07 |

350.

2021-03-19 time: 9:20:24.22 UTC ML= 1.8
 lat: 47.874N lon: 20.109E h= 0.0 km
 erh= 2.9km erz= 2.3km
 nr= 10 gap=187 rms=0.47
 Locality: Kiszána
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 16.8 | 287 | Pg | 9:20:27.41 | 0.20 |
| | | | Sg | 20:29.87 | 0.33 |
| PENC | 62.6 | 261 | Sg | 9:20:43.68 | -0.44 |
| KECS | 73.3 | 22 | Sg | 9:20:46.74 | -0.77 |
| ABAH | 96.4 | 61 | Pg | 9:20:41.51 | 0.07 |
| | | | Sg | 20:54.52 | -0.35 |
| VYHS | 117.1 | 306 | Pg | 9:20:45.13 | 0.01 |
| PKSG | 139.8 | 247 | Sn | 9:21:07.23 | -0.54 |
| LANS | 149.6 | 342 | Pn | 9:20:50.85 | 0.94 |
| | | | Sn | 21:09.48 | -0.46 |

351.

2021-03-19 time: 9:35:13.81 UTC ML= 1.5
 lat: 47.277N lon: 18.351E h= 0.0 km
 erh= 2.2km erz= 4.0km
 nr= 9 gap=154 rms=0.48
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.8 | 324 | Pg | 9:35:15.83 | -0.10 |
| | | | Sg | 35:16.99 | -0.59 |
| PKSG | 13.2 | 13 | PgU | 9:35:16.34 | 0.18 |
| | | | Sg | 35:18.29 | 0.29 |
| PKST | 24.1 | 265 | Pg | 9:35:18.74 | 0.63 |
| | | | Sg | 35:21.51 | 0.04 |
| PKSM | 120.4 | 169 | Sg | 9:35:51.22 | -0.87 |
| VYHS | 140.1 | 15 | Pn | 9:35:38.35 | 0.03 |
| | | | Sn | 35:55.66 | -1.78 |

352.

2021-03-19 time: 12:33:44.47 UTC ML= 1.7
 lat: 48.426N lon: 17.230E h= 0.0 km
 erh= 1.0km erz= 2.2km
 nr= 12 gap= 97 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 6.8 | 149 | Pg | 12:33:45.98 | 0.30 |
| | | | Sg | 33:47.44 | 0.82 |
| SMOL | 17.6 | 56 | ePg | 12:33:47.40 | -0.22 |
| | | | eSg | 33:50.60 | 0.53 |
| KRUC | 93.7 | 319 | Pg | 12:34:01.43 | 0.24 |
| | | | Sg | 34:13.68 | -0.56 |
| RONA | 106.6 | 221 | Pg | 12:34:03.44 | -0.06 |
| | | | Sg | 34:18.50 | 0.15 |
| CONA | 115.8 | 241 | Pg | 12:34:05.49 | 0.34 |
| | | | Sg | 34:20.68 | -0.61 |
| MPLH | 141.5 | 171 | Sn | 12:34:26.71 | -1.69 |
| PKST | 143.0 | 155 | Sn | 12:34:26.48 | -2.25 |

353.

2021-03-20 time: 10:00:37.51 UTC ML= 1.1
 lat: 46.196N lon: 18.268E h= 0.0 km
 erh= 0.7km erz= 223km
 nr= 10 gap=134 rms=0.18
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 17.7 | 227 | Pg | 10:00:40.81 | 0.14 |
| | | | Sg | 00:43.52 | 0.39 |
| PKSM | 28.8 | 87 | Pg | 10:00:42.71 | 0.05 |
| | | | Sg | 00:46.65 | -0.03 |
| MORH | 29.1 | 86 | Pg | 10:00:42.61 | -0.09 |
| | | | Sg | 00:46.83 | 0.07 |
| PKSV | 34.2 | 182 | Pg | 10:00:43.42 | -0.20 |
| | | | Sg | 00:48.34 | -0.04 |
| PKB4 | 42.2 | 38 | Sg | 10:00:51.12 | 0.20 |

| | | | | | |
|------|------|---|----|-------------|-------|
| PKS9 | 43.5 | 1 | Sg | 10:00:50.92 | -0.41 |
|------|------|---|----|-------------|-------|

354.

2021-03-22 time: 8:56:35.83 UTC ML= 1.5
 lat: 48.566N lon: 20.774E h= 0.0 km
 erh= 2.0km erz= 9.2km
 nr= 9 gap= 94 rms=0.53
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.2 | 247 | Pg | 8:56:39.51 | -0.46 |
| | | | Sg | 56:43.52 | 0.32 |
| ABAH | 45.7 | 131 | Pg | 8:56:43.82 | -0.17 |
| | | | Sg | 56:51.15 | 0.80 |
| PSZ | 97.2 | 222 | Pg | 8:56:53.46 | 0.27 |
| | | | Sg | 57:06.62 | -0.11 |
| NIE | 100.7 | 340 | Pg | 8:56:54.27 | 0.46 |
| KOLS | 117.6 | 70 | Sg | 8:57:12.24 | -0.97 |
| PENC | 140.5 | 232 | Sn | 8:57:17.06 | -2.48 |

355.

2021-03-22 time: 8:59:34.91 UTC ML= 1.6
 lat: 48.313N lon: 19.043E h= 0.0 km
 erh= 1.6km erz= 480km
 nr= 9 gap=173 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 60.8 | 163 | Sg | 8:59:54.12 | -0.12 |
| PSZ | 77.1 | 125 | Pg | 8:59:48.70 | 0.01 |
| | | | Sg | 59:59.34 | -0.09 |
| LANS | 98.2 | 19 | Pg | 8:59:52.31 | -0.14 |
| | | | Sg | 9:00:05.97 | -0.16 |
| KECS | 108.5 | 80 | Pg | 8:59:54.69 | 0.40 |
| | | | Sg | 9:00:08.54 | -0.86 |
| PKSG | 113.5 | 205 | Pg | 8:59:55.69 | 0.51 |
| | | | Sg | 9:00:10.45 | -0.54 |

356.

2021-03-22 time: 9:33:13.10 UTC ML= 2.0
 lat: 47.588N lon: 18.417E h= 0.0 km
 erh= 6.7km erz= 9.7km
 nr= 7 gap=110 rms=1.32
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SRO | 26.3 | 343 | Pg | 9:33:19.32 | 1.53 |
| | | | Sg | 33:22.93 | 1.48 |
| CSKK | 27.6 | 205 | Sg | 9:33:21.73 | -0.15 |
| PSZ | 116.7 | 72 | Sg | 9:33:48.34 | -1.85 |
| MODS | 122.0 | 316 | Sg | 9:33:49.94 | -1.94 |
| MORH | 153.5 | 174 | Sn | 9:33:59.28 | -0.40 |
| PKSM | 153.9 | 174 | Sn | 9:33:59.48 | -0.30 |

357.

2021-03-22 time: 9:55:13.74 UTC ML= 1.7
 lat: 48.100N lon: 21.364E h= 0.0 km
 erh= 3.4km erz= 982km
 nr= 8 gap=172 rms=0.70
 Locality: Tokaj
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 23.7 | 337 | Pg | 9:55:18.97 | 1.01 |
| | | | Sg | 55:21.42 | 0.16 |
| KECS | 77.8 | 303 | Sg | 9:55:37.79 | -0.69 |
| TRPA | 87.6 | 88 | Pg | 9:55:29.32 | -0.06 |

Hypocenter Parameters

PSZ 111.5 260 Sg 55:41.27 -0.31
 Pg 9:55:34.17 0.53
 Sg 55:48.20 -0.96
 KOLS 114.5 36 Sg 9:55:48.90 -1.22

358.

2021-03-22 time: 11:00:54.97 UTC ML= 1.5
 lat: 48.190N lon: 19.796E h= 0.0 km
 erh= 3.7km erz= 6.3km
 nr= 6 gap=129 rms=0.61
 Locality: Somoskő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 31.0 | 166 | Sg | 11:01:04.53 | -0.31 |
| KECS | 60.6 | 57 | Sg | 11:01:13.97 | -0.28 |
| VYHS | 78.8 | 295 | Pg | 11:01:10.05 | 1.00 |
| | | | Sg | 01:19.19 | -0.83 |
| ABAH | 107.8 | 84 | Pg | 11:01:14.17 | -0.06 |
| NIE | 141.9 | 16 | Sn | 11:01:38.57 | -0.41 |

359.

2021-03-22 time: 11:12:09.48 UTC ML= 0.9
 lat: 47.181N lon: 18.313E h= 0.0 km
 erh= 1.2km erz= 5.8km
 nr= 9 gap=152 rms=0.33
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 20.7 | 349 | Pg | 11:12:13.30 | 0.13 |
| | | | Sg | 12:15.41 | -0.63 |
| PKST | 22.9 | 292 | Pg | 11:12:13.60 | 0.04 |
| | | | Sg | 12:16.56 | -0.18 |
| PKSG | 24.2 | 14 | Pg | 11:12:14.15 | 0.36 |
| | | | Sg | 12:17.47 | 0.31 |
| MORH | 110.2 | 167 | Sg | 11:12:44.38 | -0.13 |
| PKSM | 110.6 | 167 | Sg | 11:12:44.33 | -0.31 |
| VYHS | 151.2 | 15 | Sn | 11:12:53.82 | -1.72 |

360.

2021-03-22 time: 14:53:38.33 UTC ML= 1.8
 lat: 48.974N lon: 21.258E h= 0.0 km
 erh= 3.7km erz= 6.8km
 nr= 7 gap=148 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOLS | 74.5 | 94 | Pg | 14:53:51.14 | -0.49 |
| | | | Sg | 54:02.19 | 0.19 |
| ABAH | 75.4 | 181 | Pg | 14:53:52.95 | 1.14 |
| | | | Sg | 54:01.48 | -0.83 |
| KECS | 78.8 | 226 | Sg | 14:54:02.49 | -0.90 |
| NIE | 84.8 | 306 | Sg | 14:54:05.10 | -0.19 |
| PSZ | 154.8 | 221 | Sn | 14:54:25.99 | 0.77 |

361.

2021-03-23 time: 9:21:57.38 UTC ML= 1.9
 lat: 48.524N lon: 17.594E h= 0.0 km
 erh= 3.0km erz= 1.8km
 nr= 10 gap=228 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SMOL | 12.3 | 265 | ePg | 9:21:59.90 | 0.33 |
| | | | eSg | 22:00.50 | -0.79 |
| MODS | 28.8 | 234 | Pg | 9:22:03.26 | 0.74 |
| | | | Sg | 22:06.57 | 0.03 |

Földrengés paraméterek

KRUC 106.5 304 Pg 9:22:17.41 1.02
 Sg 22:29.97 -1.25
 RONA 133.2 227 Sn 9:22:38.90 -0.57
 MORC 139.3 358 Sn 9:22:39.50 -1.32
 CONA 144.8 243 Pn 9:22:22.74 0.27
 Sn 22:40.71 -1.32

362.

2021-03-23 time: 10:26:01.69 UTC ML= 1.9
 lat: 47.330N lon: 18.431E h= 0.0 km
 erh= 2.2km erz= 3.2km
 nr= 13 gap=113 rms=0.83
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 7.5 | 336 | PgU | 10:26:03.45 | 0.42 |
| | | | Sg | 26:03.82 | -0.25 |
| CSKK | 13.4 | 286 | PgU | 10:26:04.80 | 0.72 |
| | | | Sg | 26:06.61 | 0.67 |
| PKST | 31.0 | 255 | Pg | 10:26:07.82 | 0.59 |
| | | | Sg | 26:11.56 | 0.01 |
| MPLH | 69.8 | 255 | Sg | 10:26:22.53 | -1.34 |
| MORH | 124.9 | 173 | Sg | 10:26:41.20 | -0.20 |
| PKSM | 125.4 | 173 | Sg | 10:26:40.30 | -1.23 |
| PSZ | 128.0 | 59 | Sg | 10:26:42.71 | 0.34 |
| VYHS | 132.9 | 13 | Sn | 10:26:41.61 | -2.09 |
| KOVH | 140.4 | 190 | Sn | 10:26:45.92 | 0.56 |
| MODS | 144.6 | 323 | Sn | 10:26:44.72 | -1.59 |

363.

2021-03-23 time: 10:31:36.09 UTC ML= 0.8
 lat: 47.202N lon: 18.280E h= 0.0 km
 erh= 0.4km erz=55.2km
 nr= 6 gap=267 rms=0.04
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.0 | 355 | Pg | 10:31:39.29 | -0.01 |
| | | | Sg | 31:41.75 | -0.06 |
| PKST | 19.6 | 289 | Pg | 10:31:39.57 | -0.02 |
| | | | Sg | 31:42.34 | 0.01 |
| PKSG | 22.7 | 22 | Pg | 10:31:40.22 | 0.07 |
| | | | Sg | 31:43.30 | -0.01 |

364.

2021-03-23 time: 11:00:27.04 UTC ML= 1.5
 lat: 48.136N lon: 16.920E h= 0.0 km
 erh= 3.3km erz= 4.6km
 nr= 7 gap=179 rms=0.52
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.5 | 45 | Pg | 11:00:33.84 | 0.11 |
| | | | Sg | 00:38.05 | -0.90 |
| RONA | 67.3 | 224 | Pg | 11:00:39.63 | 0.57 |
| | | | Sg | 00:47.49 | -0.94 |
| CONA | 82.2 | 254 | Sg | 11:00:53.12 | -0.06 |
| KRUC | 110.0 | 339 | Sg | 11:01:02.32 | 0.31 |
| ARSA | 143.8 | 227 | Sn | 11:01:11.56 | 0.07 |

365.

2021-03-23 time: 14:23:44.65 UTC ML= 2.6
 lat: 45.566N lon: 16.098E h= 2.8 km
 erh= 2.3km erz= 1.9km
 nr= 27 gap=138 rms=0.70
 Locality: Croatia
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 30.4 | 345 | Pg | 14:23:50.51 | 0.42 |
| | | | Sg | 23:54.72 | 0.38 |
| PTJ | 38.7 | 344 | Pg | 14:23:51.51 | -0.07 |
| | | | Sg | 23:56.33 | -0.66 |
| CRES | 57.7 | 300 | Pg | 14:23:55.12 | 0.15 |
| | | | Sg | 24:02.76 | -0.25 |
| KOGS | 98.8 | 7 | Pg | 14:24:01.95 | -0.35 |
| | | | Sg | 24:16.41 | 0.35 |
| GROS | 109.7 | 335 | Pg | 14:24:04.56 | 0.32 |
| | | | Sg | 24:17.62 | -1.91 |
| BEHE | 113.4 | 28 | Pg | 14:24:04.16 | -0.74 |
| | | | Sg | 24:20.63 | -0.07 |
| BLY | 124.6 | 137 | Sn | 14:24:22.44 | -1.76 |
| SOKA | 148.5 | 326 | Pn | 14:24:10.02 | 0.17 |
| | | | Sn | 24:28.90 | -0.60 |
| OBKA | 159.3 | 311 | Pn | 14:24:12.24 | 1.05 |
| | | | Sn | 24:31.43 | -0.46 |
| KOVH | 166.0 | 70 | Pn | 14:24:11.79 | -0.24 |
| | | | Sn | 24:31.68 | -1.71 |
| PKSV | 171.5 | 78 | Pn | 14:24:14.20 | 1.49 |
| | | | Sn | 24:34.49 | -0.11 |
| TRI | 182.7 | 275 | Sn | 14:24:38.54 | 1.46 |
| ARSA | 192.4 | 347 | Sn | 14:24:39.65 | 0.41 |
| PKSM | 210.1 | 70 | Sn | 14:24:43.96 | 0.80 |
| MORH | 210.4 | 70 | Sn | 14:24:44.27 | 1.03 |
| RONA | 237.7 | 4 | Pn | 14:24:21.05 | 0.08 |
| CONA | 263.3 | 356 | Pn | 14:24:24.97 | 0.82 |

366.

2021-03-23 time: 22:42:24.33 UTC ML= 2.2
 lat: 45.607N lon: 16.047E h= 7.7 km
 erh= 2.4km erz= 1.9km
 nr= 20 gap=161 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 25.0 | 350 | Pg | 22:42:29.41 | 0.42 |
| | | | Sg | 42:33.13 | 0.50 |
| PTJ | 33.2 | 348 | Pg | 22:42:30.34 | -0.08 |
| | | | Sg | 42:35.28 | 0.11 |
| CRES | 52.0 | 298 | Pg | 22:42:33.54 | -0.17 |
| | | | Sg | 42:40.34 | -0.69 |
| KOGS | 94.8 | 10 | Pg | 22:42:40.86 | -0.44 |
| | | | Sg | 42:54.82 | 0.28 |
| GROS | 103.8 | 336 | Pg | 22:42:42.67 | -0.25 |
| | | | Sg | 42:55.69 | -1.73 |
| BEHE | 111.2 | 30 | Sg | 22:42:59.18 | -0.59 |
| BLY | 130.7 | 137 | Pn | 22:42:46.27 | -0.41 |
| | | | Sn | 43:02.21 | -1.90 |
| PERS | 135.0 | 328 | Pn | 22:42:47.49 | 0.28 |
| | | | Sn | 43:04.19 | -0.88 |
| SOKA | 142.5 | 327 | Pn | 22:42:48.81 | 0.67 |
| | | | Sn | 43:06.74 | 0.02 |
| OBKA | 153.3 | 311 | Pn | 22:42:50.18 | 0.69 |
| | | | Sn | 43:10.30 | 1.19 |
| KOVH | 168.2 | 71 | Pn | 22:42:52.61 | 1.26 |

367.

2021-03-24 time: 8:45:16.93 UTC ML= 1.4
 lat: 48.076N lon: 20.708E h= 0.0 km
 erh= 2.7km erz= 584km
 nr= 6 gap=196 rms=0.36
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 46.5 | 58 | Pg | 8:45:25.33 | 0.09 |
| | | | Sg | 45:31.66 | -0.06 |
| KECS | 48.2 | 340 | Pg | 8:45:25.43 | -0.11 |
| | | | Sg | 45:32.06 | -0.19 |

| | | | | | |
|-----|------|-----|----|------------|-------|
| PSZ | 63.2 | 254 | Pg | 8:45:28.64 | 0.43 |
| | | | Sg | 45:35.87 | -1.14 |

368.

2021-03-24 time: 9:32:05.95 UTC ML= 0.9
 lat: 48.623N lon: 20.709E h= 0.0 km
 erh= 2.0km erz= 2.8km
 nr= 7 gap=151 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.7 | 227 | Pg | 9:32:10.01 | 0.02 |
| | | | Sg | 32:13.32 | 0.17 |
| ABAH | 53.5 | 133 | Sg | 9:32:22.86 | -0.08 |
| NIE | 93.2 | 342 | Sg | 9:32:35.16 | -0.40 |
| PSZ | 99.0 | 218 | Sg | 9:32:36.92 | -0.49 |
| VYHS | 139.0 | 264 | Pn | 9:32:31.00 | 0.69 |
| | | | Sn | 32:49.02 | -0.30 |

369.

2021-03-24 time: 10:30:44.14 UTC ML= 2.1
 lat: 48.858N lon: 20.482E h= 0.0 km
 erh= 2.4km erz= 3.2km
 nr= 18 gap= 73 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 41.7 | 180 | Pg | 10:30:51.91 | 0.33 |
| | | | Sg | 30:57.44 | 0.05 |
| NIE | 63.6 | 349 | Pg | 10:30:56.38 | 0.89 |
| | | | Sg | 31:02.87 | -1.47 |
| LANS | 81.0 | 294 | Pg | 10:30:58.99 | 0.39 |
| | | | Sg | 31:09.14 | -0.74 |
| ABAH | 83.9 | 138 | Pg | 10:30:59.60 | 0.48 |
| | | | Sg | 31:10.65 | -0.15 |
| PSZ | 113.2 | 203 | Pg | 10:31:04.56 | 0.21 |
| | | | Sg | 31:19.28 | -0.84 |
| VYHS | 127.8 | 252 | Pg | 10:31:06.58 | -0.37 |
| | | | Sg | 31:21.49 | -3.26 |
| KOLS | 131.6 | 86 | Pn | 10:31:07.49 | -0.09 |
| | | | Sn | 31:22.15 | -3.72 |
| OJC | 159.3 | 342 | Pn | 10:31:12.00 | 0.97 |
| | | | Sn | 31:32.09 | 0.08 |
| TRPA | 172.3 | 118 | Sn | 10:31:33.85 | -1.04 |
| KWP | 183.5 | 62 | Sn | 10:31:37.66 | 0.28 |

370.

2021-03-24 time: 11:26:54.18 UTC ML= 1.6
 lat: 48.806N lon: 19.799E h= 0.0 km
 erh= 1.9km erz= 708km
 nr= 8 gap= 89 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| LANS | 45.3 | 328 | Pg | 11:27:02.73 | 0.46 |
| | | | Sg | 27:08.35 | -0.23 |
| KECS | 62.1 | 125 | Sg | 11:27:14.28 | 0.37 |
| NIE | 77.8 | 29 | Pg | 11:27:08.35 | 0.28 |
| | | | Sg | 27:18.09 | -0.81 |
| VYHS | 79.0 | 244 | Sg | 11:27:18.69 | -0.59 |
| PSZ | 99.0 | 176 | Sg | 11:27:26.02 | 0.38 |
| ABAH | 120.6 | 118 | Sg | 11:27:31.65 | -0.85 |

Hypocenter Parameters

Földrengés paraméterek

371.

 2021-03-25 time: 9:17:00.33 UTC ML= 1.3
 lat: 46.140N lon: 18.017E h= 0.0 km
 erh= 2.2km erz= 340km
 nr= 9 gap=262 rms=0.26
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 8.6 | 132 | Pg | 9:17:01.93 | 0.07 |
| | | | Sg | 17:03.34 | 0.29 |
| PKSV | 33.3 | 147 | Pg | 9:17:06.00 | -0.28 |
| | | | Sg | 17:10.57 | -0.35 |
| PKSM | 48.9 | 81 | Pg | 9:17:09.26 | 0.21 |
| | | | Sg | 17:15.89 | 0.03 |
| MORH | 49.2 | 80 | Pg | 9:17:09.36 | 0.25 |
| | | | Sg | 17:15.89 | -0.06 |
| PKB4 | 60.1 | 49 | Sg | 9:17:18.86 | -0.58 |

372.

 2021-03-25 time: 9:27:37.66 UTC ML= 1.2
 lat: 47.356N lon: 18.398E h= 0.0 km
 erh= 1.5km erz= 3.9km
 nr= 8 gap=188 rms=0.36
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 4.0 | 352 | Pg | 9:27:38.60 | 0.22 |
| | | | Sg | 27:39.20 | 0.26 |
| CSKK | 10.4 | 274 | Pg | 9:27:39.78 | 0.25 |
| | | | Sg | 27:40.86 | -0.12 |
| PKST | 29.6 | 249 | Pg | 9:27:42.99 | 0.05 |
| | | | Sg | 27:46.68 | -0.38 |
| PSZ | 128.7 | 61 | Sg | 9:28:17.96 | -0.60 |
| VYHS | 130.7 | 15 | Sn | 9:28:17.41 | -1.78 |

373.

 2021-03-25 time: 10:53:43.71 UTC ML= 0.8
 lat: 47.206N lon: 18.291E h= 0.0 km
 erh= 3.4km erz= 396km
 nr= 6 gap=267 rms=0.24
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.6 | 352 | Pg | 10:53:46.71 | -0.14 |
| | | | Sg | 53:48.52 | -0.78 |
| PKST | 20.3 | 287 | Pg | 10:53:47.34 | 0.00 |
| | | | Sg | 53:50.38 | 0.22 |
| PKSG | 22.0 | 20 | Pg | 10:53:47.71 | 0.08 |
| | | | Sg | 53:51.00 | 0.31 |

374.

 2021-03-25 time: 12:01:04.88 UTC ML= 2.0
 lat: 48.877N lon: 20.908E h= 0.0 km
 erh= 2.0km erz= 3.1km
 nr= 14 gap=115 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 53.8 | 215 | Pg | 12:01:14.75 | 0.27 |
| | | | Sg | 01:21.98 | 0.01 |
| ABAH | 69.1 | 159 | Pg | 12:01:17.46 | 0.23 |
| | | | Sg | 01:25.80 | -1.06 |
| NIE | 74.2 | 324 | Pg | 12:01:18.21 | 0.07 |
| | | | Sg | 01:27.61 | -0.86 |
| KOLS | 100.3 | 86 | Pg | 12:01:23.19 | 0.40 |
| | | | Sg | 01:36.24 | -0.51 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| LANS | 109.7 | 286 | Pg | 12:01:23.99 | -0.47 |
| PSZ | 130.4 | 215 | Pg | 12:01:28.61 | 0.44 |
| | | | Sg | 01:45.28 | -1.06 |
| VYHS | 158.4 | 254 | Sn | 12:01:51.45 | -1.11 |
| OJC | 169.5 | 332 | Pn | 12:01:34.58 | 1.53 |
| | | | Sn | 01:55.17 | 0.15 |

375.

 2021-03-25 time: 12:10:19.80 UTC ML= 1.2
 lat: 47.866N lon: 16.052E h= 0.0 km
 erh= 2.1km erz= 4.2km
 nr= 7 gap=124 rms=0.79
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.8 | 296 | Pg | 12:10:23.24 | 0.62 |
| | | | Sg | 10:25.45 | 0.62 |
| RONA | 26.0 | 135 | Pg | 12:10:24.83 | 0.38 |
| | | | Sg | 10:28.66 | 0.59 |
| ARSA | 79.1 | 210 | Pg | 12:10:33.18 | -0.75 |
| | | | Sg | 10:44.53 | -0.42 |
| KRUC | 135.4 | 11 | Sn | 12:11:00.08 | -2.30 |

376.

 2021-03-25 time: 12:47:35.18 UTC ML= 1.3
 lat: 47.868N lon: 16.049E h= 0.0 km
 erh= 2.0km erz= 2.7km
 nr= 14 gap=124 rms=0.75
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.6 | 296 | Pg | 12:47:38.30 | 0.34 |
| | | | Sg | 47:41.01 | 0.88 |
| RONA | 26.3 | 135 | Pg | 12:47:39.81 | -0.06 |
| | | | Sg | 47:43.82 | 0.28 |
| WINA | 26.7 | 4 | Pg | 12:47:41.04 | 1.09 |
| | | | Sg | 47:44.39 | 0.72 |
| ARSA | 79.2 | 210 | Pg | 12:47:49.35 | 0.02 |
| | | | Sg | 48:00.09 | -0.27 |
| ABNA | 100.3 | 333 | Pg | 12:47:53.21 | 0.11 |
| | | | Sg | 48:05.52 | -1.55 |
| MOA | 133.5 | 269 | Pn | 12:47:58.44 | -0.42 |
| | | | Sn | 48:15.54 | -1.79 |
| KRUC | 135.2 | 11 | Sn | 12:48:15.66 | -2.06 |
| SOKA | 153.0 | 210 | Sn | 12:48:21.68 | 0.02 |

377.

 2021-03-26 time: 8:28:44.76 UTC ML= 1.1
 lat: 47.469N lon: 18.704E h= 0.0 km
 erh= 2.0km erz= 2.7km
 nr= 11 gap=114 rms=0.61
 Locality: Herceghalom
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BUD | 24.2 | 86 | Sg | 8:28:53.40 | 0.96 |
| PKSG | 25.2 | 250 | Pg | 8:28:49.47 | 0.21 |
| | | | Sg | 28:52.99 | 0.23 |
| CSKK | 35.5 | 251 | Pg | 8:28:50.73 | -0.37 |
| | | | Sg | 28:57.16 | 1.12 |
| PKST | 55.7 | 245 | Pg | 8:28:54.99 | 0.28 |
| | | | Sg | 29:02.18 | -0.29 |
| PSZ | 102.4 | 61 | Sg | 8:29:17.45 | 0.14 |
| VYHS | 114.4 | 5 | Sg | 8:29:20.44 | -0.69 |
| MORH | 139.4 | 182 | Sn | 8:29:27.18 | -1.04 |
| PKSM | 139.8 | 182 | Sn | 8:29:26.98 | -1.34 |

Földrengés paraméterek

Hypocenter Parameters

378.

2021-03-26 time: 8:59:09.40 UTC ML= 1.3
 lat: 48.396N lon: 19.123E h= 0.0 km
 erh= 2.0km erz= 3.8km
 nr= 10 gap=147 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 23.8 | 297 | Pg | 8:59:14.21 | 0.56 |
| | | | Sg | 59:17.02 | 0.04 |
| PENC | 68.3 | 170 | Sg | 8:59:32.09 | 0.97 |
| PSZ | 78.2 | 133 | Sg | 8:59:33.90 | -0.35 |
| SRO | 88.5 | 223 | Sg | 8:59:37.42 | -0.10 |
| KECS | 101.3 | 84 | Pg | 8:59:27.97 | 0.48 |
| | | | Sg | 59:40.52 | -1.08 |
| PKSG | 124.3 | 206 | Sg | 8:59:48.46 | -0.45 |
| CSKK | 131.7 | 209 | Sn | 8:59:50.57 | -0.57 |
| MODS | 136.7 | 269 | Sn | 8:59:49.57 | -2.69 |

379.

2021-03-26 time: 10:05:22.42 UTC ML= 1.7
 lat: 48.549N lon: 20.921E h= 0.0 km
 erh= 1.2km erz= 1.2km
 nr= 6 gap=232 rms=0.67
 Locality: Tornaszentjakab
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 33.0 | 257 | Pg | 10:05:29.12 | 0.80 |
| | | | Sg | 05:33.21 | 0.30 |
| ABAH | 36.8 | 140 | Sg | 10:05:33.74 | -0.37 |
| PSZ | 103.6 | 227 | Sg | 10:05:54.83 | -0.54 |
| VYHS | 154.1 | 268 | Pn | 10:05:48.58 | -0.10 |
| | | | Sn | 06:07.51 | -1.64 |

380.

2021-03-26 time: 11:06:08.15 UTC ML= 1.8
 lat: 48.593N lon: 17.346E h= 0.0 km
 erh= 3.7km erz= 2.4km
 nr= 7 gap=245 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 25.0 | 192 | Pg | 11:06:12.45 | -0.16 |
| | | | Sg | 06:16.26 | 0.18 |
| KRUC | 87.1 | 307 | Sg | 11:06:35.94 | 0.12 |
| RONA | 126.4 | 218 | Pg | 11:06:31.43 | 0.71 |
| | | | Sg | 06:48.32 | 0.00 |
| CONA | 132.7 | 236 | Pn | 11:06:31.15 | -0.58 |
| | | | Sn | 06:49.93 | -0.19 |

381.

2021-03-26 time: 12:08:47.52 UTC ML= 1.2
 lat: 47.570N lon: 16.320E h= 0.0 km
 erh= 1.5km erz= 2.3km
 nr= 13 gap= 80 rms=0.62
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 14.5 | 353 | PgU | 12:08:50.25 | 0.13 |
| | | | Sg | 08:52.51 | 0.37 |
| SOP | 21.9 | 55 | Pg | 12:08:51.47 | 0.04 |
| | | | Sg | 08:53.96 | -0.52 |
| CONA | 52.6 | 319 | Pg | 12:08:57.58 | 0.66 |
| | | | Sg | 09:04.31 | 0.06 |
| ARSA | 69.9 | 239 | Sg | 12:09:09.74 | 0.00 |
| EGYH | 78.1 | 103 | Sg | 12:09:13.95 | 1.61 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| MODS | 114.4 | 39 | Sg | 12:09:22.48 | -1.41 |
| KOGS | 124.8 | 182 | Sg | 12:09:27.40 | 0.20 |
| PKST | 133.9 | 105 | Sn | 12:09:29.06 | -0.70 |
| GROS | 138.1 | 207 | Sn | 12:09:29.86 | -0.84 |
| SOKA | 139.2 | 225 | Sn | 12:09:30.22 | -0.72 |

382.

2021-03-27 time: 9:10:37.10 UTC ML= 1.5
 lat: 46.235N lon: 18.251E h= 0.0 km
 erh= 3.5km erz= 705km
 nr= 9 gap=187 rms=0.53
 Locality: Kisbattyán
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 20.0 | 216 | Pg | 9:10:41.22 | 0.55 |
| | | | Sg | 10:43.33 | -0.13 |
| PKSM | 30.3 | 95 | Pg | 9:10:42.92 | 0.42 |
| | | | Sg | 10:46.74 | 0.03 |
| MORH | 30.4 | 94 | Pg | 9:10:42.92 | 0.39 |
| | | | Sg | 10:46.94 | 0.17 |
| PKSV | 38.5 | 180 | Pg | 9:10:43.43 | -0.54 |
| | | | Sg | 10:48.45 | -0.88 |
| PKB4 | 39.8 | 43 | Sg | 9:10:48.63 | -1.12 |

383.

2021-03-29 time: 7:19:50.23 UTC ML= 1.7
 lat: 47.091N lon: 17.944E h= 0.0 km
 erh= 3.4km erz= 612km
 nr= 11 gap=190 rms=0.49
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.8 | 20 | Pg | 7:19:53.82 | 0.05 |
| | | | Sg | 19:56.33 | -0.21 |
| TIH | 21.6 | 190 | Pg | 7:19:54.78 | 0.68 |
| CSKK | 38.5 | 38 | Sg | 7:20:02.05 | -0.43 |
| PKSG | 47.5 | 45 | Pg | 7:19:58.99 | 0.27 |
| | | | Sg | 20:05.47 | 0.14 |
| MORH | 111.1 | 151 | Pg | 7:20:10.38 | 0.31 |
| | | | Sg | 20:25.35 | -0.20 |
| PKSM | 111.4 | 151 | Pg | 7:20:10.38 | 0.25 |
| KOVH | 112.2 | 174 | Pg | 7:20:09.20 | -1.06 |
| | | | Sg | 20:25.02 | -0.86 |

384.

2021-03-29 time: 7:58:44.97 UTC ML= 1.2
 lat: 45.860N lon: 18.411E h= 0.0 km
 erh= 1.3km erz= 186km
 nr= 7 gap=260 rms=0.12
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 12.7 | 285 | Pg | 7:58:47.29 | 0.05 |
| | | | Sg | 58:49.20 | 0.19 |
| KOVH | 35.0 | 317 | Pg | 7:58:51.11 | -0.11 |
| | | | Sg | 58:55.93 | -0.17 |
| PKSM | 43.0 | 25 | Pg | 7:58:52.63 | -0.02 |
| | | | Sg | 58:58.90 | 0.25 |
| MORH | 43.5 | 25 | Sg | 7:58:58.74 | -0.06 |

385.

2021-03-29 time: 8:10:24.57 UTC ML= 1.7
 lat: 46.305N lon: 21.997E h= 0.0 km
 erh= 2.6km erz= 5.2km
 nr= 9 gap=144 rms=0.70
 Locality: Romania
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SIRR | 26.3 | 261 | Pg | 8:10:29.62 | | | 0.35 |
| | | | Sg | 10:32.36 | | | -0.58 |
| DRGR | 77.0 | 45 | Pg | 8:10:38.76 | | | 0.43 |
| | | | Sg | 10:48.70 | | | -0.36 |
| BZS | 82.0 | 201 | Pg | 8:10:39.86 | | | 0.65 |
| | | | Sg | 10:49.90 | | | -0.72 |
| GZR | 118.0 | 149 | Pg | 8:10:46.12 | | | 0.47 |
| | | | Sg | 11:00.48 | | | -1.61 |
| CJR | 131.0 | 70 | Sn | 8:11:04.80 | | | -1.38 |

386.

2021-03-29 time: 8:26:25.73 UTC ML= 1.1
 lat: 46.133N lon: 18.007E h= 0.0 km
 erh= 1.8km erz= 265km
 nr= 8 gap=294 rms=0.19
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 8.7 | 125 | Pg | 8:26:27.51 | | | 0.23 |
| | | | Sg | 26:28.71 | | | 0.21 |
| PKSV | 33.2 | 145 | Pg | 8:26:31.53 | | | -0.12 |
| | | | Sg | 26:35.94 | | | -0.33 |
| PKSM | 49.7 | 80 | Pg | 8:26:34.64 | | | 0.04 |
| | | | Sg | 26:41.17 | | | -0.36 |
| MORH | 50.0 | 79 | Pg | 8:26:34.62 | | | -0.04 |
| | | | Sg | 26:41.80 | | | 0.18 |

387.

2021-03-29 time: 8:40:00.99 UTC ML= 1.2
 lat: 48.554N lon: 20.756E h= 0.0 km
 erh= 5.0km erz= ***km
 nr= 5 gap=181 rms=0.46
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 21.4 | 248 | Pg | 8:40:05.01 | | | 0.19 |
| | | | Sg | 40:08.17 | | | 0.36 |
| ABAH | 45.9 | 129 | Sg | 8:40:16.00 | | | 0.42 |
| PSZ | 95.3 | 222 | Sg | 8:40:30.41 | | | -0.88 |
| KOLS | 119.3 | 69 | Sg | 8:40:38.45 | | | -0.47 |

388.

2021-03-29 time: 10:00:10.10 UTC ML= 1.6
 lat: 48.143N lon: 16.919E h= 0.0 km
 erh= 3.6km erz= 817km
 nr= 7 gap=177 rms=0.55
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MODS | 37.0 | 46 | Pg | 10:00:16.66 | | | -0.04 |
| | | | Sg | 00:21.28 | | | -0.57 |
| RONA | 67.8 | 223 | Pg | 10:00:22.27 | | | 0.06 |
| | | | Sg | 00:30.82 | | | -0.83 |
| CONA | 82.4 | 253 | Pg | 10:00:25.80 | | | 0.99 |
| | | | Sg | 00:35.84 | | | -0.44 |
| KRUC | 109.2 | 339 | Sg | 10:00:44.81 | | | -0.01 |

389.

2021-03-29 time: 21:06:05.38 UTC ML= 1.8
 lat: 47.331N lon: 18.227E h= 11.0 km
 erh= 1.5km erz= 1.1km
 nr= 35 gap= 52 rms=0.82
 Locality: Bodajk
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CSKK | 4.4 | 36 | Pg | 21:06:07.07 | | | -0.42 |
| | | | Sg | 06:08.13 | | | -1.01 |
| PKSG | 14.1 | 61 | PgD | 21:06:08.03 | | | -0.54 |
| | | | Sg | 06:10.09 | | | -0.97 |
| PKST | 16.6 | 241 | Pg | 21:06:08.77 | | | -0.16 |
| | | | Sg | 06:11.45 | | | -0.26 |
| SRO | 54.0 | 7 | Pg | 21:06:15.86 | | | 0.64 |
| | | | Sg | 06:22.74 | | | -0.16 |
| TIH | 54.2 | 208 | Pg | 21:06:15.27 | | | 0.02 |
| EGYH | 68.3 | 278 | Pg | 21:06:18.53 | | | 0.81 |
| | | | Sg | 06:27.31 | | | -0.04 |
| A339 | 70.1 | 322 | Sg | 21:06:29.07 | | | 1.14 |
| PKB1 | 74.4 | 145 | Pg | 21:06:19.93 | | | 1.12 |
| | | | Sg | 06:28.66 | | | -0.63 |
| A338 | 76.7 | 7 | Pg | 21:06:19.54 | | | 0.34 |
| | | | Sg | 06:22.74 | | | -0.66 |
| PKS7 | 77.5 | 114 | Pg | 21:06:19.89 | | | 0.54 |
| | | | Sg | 06:29.18 | | | -1.08 |
| PKS9 | 82.8 | 177 | Pg | 21:06:21.94 | | | 1.65 |
| PKB5 | 90.5 | 155 | Pg | 21:06:22.05 | | | 0.39 |
| | | | Sg | 06:33.50 | | | -0.86 |
| PKB4 | 97.1 | 163 | Sg | 21:06:35.10 | | | -1.35 |
| PKS2 | 119.8 | 141 | Sn | 21:06:42.13 | | | 0.15 |
| PKB3 | 125.0 | 144 | Sn | 21:06:43.64 | | | 0.51 |
| MORH | 128.0 | 166 | Pn | 21:06:26.82 | | | -0.14 |
| | | | Sn | 06:41.73 | | | -2.07 |
| PKSM | 128.4 | 166 | Pn | 21:06:26.97 | | | -0.04 |
| | | | Sn | 06:41.58 | | | -2.30 |
| SOP | 131.6 | 287 | Sn | 21:06:43.19 | | | -1.42 |
| MODS | 136.0 | 328 | eSn | 21:06:44.30 | | | -1.27 |
| VYHS | 137.1 | 19 | Pn | 21:06:29.33 | | | 1.23 |
| | | | Sn | 06:44.99 | | | -0.83 |
| KOVH | 138.5 | 184 | Sn | 21:06:47.00 | | | 0.87 |
| PSZ | 141.4 | 62 | Sn | 21:06:46.95 | | | 0.19 |
| RONA | 151.1 | 286 | Sn | 21:06:48.16 | | | -0.76 |

390.

2021-03-30 time: 8:14:45.83 UTC ML= 0.6
 lat: 47.188N lon: 18.263E h= 0.0 km
 erh= 1.0km erz= 130km
 nr= 5 gap=271 rms=0.06
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKST | 19.0 | 294 | Pg | 8:14:49.15 | | | -0.07 |
| | | | Sg | 14:51.91 | | | 0.04 |
| CSKK | 19.4 | 359 | Sg | 8:14:51.96 | | | -0.04 |
| PKSG | 24.6 | 23 | Pg | 8:14:50.30 | | | 0.08 |
| | | | Sg | 14:53.62 | | | -0.02 |

391.

2021-03-30 time: 8:51:11.68 UTC ML= 1.7
 lat: 48.591N lon: 20.771E h= 0.0 km
 erh= 4.7km erz= 3.3km
 nr= 7 gap=206 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 24.3 | 240 | Pg | 8:51:16.54 | | | 0.53 |
| | | | Sg | 51:20.18 | | | 0.79 |
| ABAH | 47.7 | 133 | Sg | 8:51:27.23 | | | 0.40 |
| PSZ | 99.1 | 221 | Pg | 8:51:29.64 | | | 0.25 |
| | | | Sg | 51:42.30 | | | -0.90 |
| TRPA | 140.6 | 111 | Sn | 8:51:53.79 | | | -1.63 |
| VYHS | 143.3 | 266 | Sn | 8:51:55.35 | | | -0.66 |

Földrengés paraméterek

Hypocenter Parameters

392.

 2021-03-30 time: 9:41:34.26 UTC ML= 2.1
 lat: 48.233N lon: 21.258E h= 0.0 km
 erh= 1.6km erz= 2.2km
 nr= 16 gap= 55 rms=0.58
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| ABAH | 7.2 | 349 | PgU | 9:41:35.85 | | | 0.31 |
| | | | Sg | | 41:36.20 | | -0.34 |
| KECS | 63.7 | 296 | Pg | 9:41:45.79 | | | 0.16 |
| | | | Sg | | 41:53.52 | | -0.98 |
| TRPA | 95.9 | 97 | Pg | 9:41:51.31 | | | -0.09 |
| | | | Sg | | 42:04.17 | | -0.59 |
| PSZ | 107.5 | 251 | Pg | 9:41:53.92 | | | 0.47 |
| | | | Sg | | 42:07.98 | | -0.44 |
| KOLS | 108.0 | 44 | Pg | 9:41:54.02 | | | 0.46 |
| BSZH | 127.6 | 216 | Sg | 9:42:13.20 | | | -1.63 |
| NIE | 149.0 | 332 | Pn | 9:42:00.65 | | | 0.77 |
| | | | Sn | | 42:18.73 | | -1.13 |
| VYHS | 181.8 | 279 | Sn | 9:42:27.26 | | | 0.13 |
| DRGR | 194.0 | 146 | Pn | 9:42:05.47 | | | -0.02 |
| | | | Sn | | 42:28.97 | | -0.88 |
| AMBH | 213.1 | 191 | Sn | 9:42:35.40 | | | 1.31 |

393.

 2021-03-30 time: 11:01:09.05 UTC ML= 0.7
 lat: 47.224N lon: 18.282E h= 0.0 km
 erh= 0.8km erz= 223km
 nr= 7 gap=142 rms=0.15
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| CSKK | 15.5 | 354 | Pg | 11:01:11.99 | | | 0.17 |
| | | | Sg | | 01:13.70 | | -0.29 |
| PKST | 19.2 | 282 | Pg | 11:01:12.34 | | | -0.13 |
| | | | Sg | | 01:15.26 | | 0.11 |
| PKSG | 20.4 | 24 | Sg | 11:01:15.51 | | | -0.01 |
| TIH | 46.6 | 219 | Sg | 11:01:23.99 | | | 0.12 |
| MORH | 115.5 | 166 | Sg | 11:01:45.68 | | | -0.06 |

394.

 2021-03-30 time: 16:25:01.12 UTC ML= 4.3
 lat: 47.773N lon: 16.193E h= 10.6 km
 erh= 0.9km erz= 0.7km
 nr= 75 gap= 31 rms=0.58
 Locality: Austria
 Comments: felt 5 MIS/IIS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 11.3 | 137 | PgU | 16:25:04.12 | | | 0.23 |
| | | | Sg | | 25:06.10 | | 0.05 |
| SOP | 29.2 | 110 | PgU | 16:25:06.99 | | | 0.32 |
| | | | Sg | | 25:11.08 | | 0.09 |
| CONA | 30.2 | 305 | PgD | 16:25:06.48 | | | -0.36 |
| | | | Sg | | 25:10.83 | | -0.48 |
| WINA | 38.2 | 346 | Pg | 16:25:08.57 | | | 0.36 |
| | | | Sg | | 25:13.67 | | -0.06 |
| ARSA | 77.0 | 221 | PgD | 16:25:13.78 | | | -1.22 |
| | | | Sg | | 25:23.48 | | -2.35 |
| EGYH | 94.3 | 115 | PgU | 16:25:18.32 | | | 0.24 |
| | | | Sg | | 25:29.50 | | -1.80 |
| MODS | 104.8 | 50 | P* | 16:25:18.96 | | | -0.86 |
| A339 | 109.7 | 87 | PnD | 16:25:20.60 | | | 0.12 |
| MPLH | 121.6 | 123 | PnD | 16:25:21.70 | | | -0.26 |
| SMOL | 123.4 | 48 | ePn | 16:25:22.20 | | | 0.02 |
| | | | eSn | | 25:39.00 | | 0.39 |
| A337 | 130.1 | 66 | PnD | 16:25:23.59 | | | 0.57 |
| KRUC | 144.1 | 6 | PnD | 16:25:24.70 | | | -0.06 |
| | | | Sn | | 25:41.54 | | -1.65 |

| | | | | | | | |
|------|-------|-----|------|-------------|--|--|----------|
| MOA | 144.6 | 273 | Pn | 16:25:24.81 | | | -0.02 |
| | | | Sn | | | | 25:42.86 |
| | | | PnU | 16:25:25.23 | | | 0.06 |
| | | | Sn | | | | 25:42.87 |
| KOGS | 147.4 | 178 | PnD | 16:25:25.44 | | | -0.06 |
| PKST | 150.0 | 112 | PnD | 16:25:25.41 | | | -0.11 |
| SOKA | 150.2 | 216 | Sn | | | | 25:42.69 |
| | | | PnD | 16:25:25.44 | | | -0.12 |
| PERS | 150.5 | 213 | Sn | | | | 25:43.07 |
| | | | PnU | 16:25:26.40 | | | 0.72 |
| BEHE | 151.5 | 163 | PnU | 16:25:26.10 | | | -0.03 |
| GROS | 155.0 | 200 | PnU | 16:25:26.44 | | | -0.17 |
| SRO | 158.9 | 88 | Pn | 16:25:27.34 | | | 0.47 |
| TIH | 161.0 | 127 | PnD | 16:25:26.84 | | | -0.17 |
| CSKK | 162.1 | 106 | Pn | 16:25:27.86 | | | 0.65 |
| A338 | 163.7 | 81 | PnD | 16:25:27.98 | | | -0.10 |
| PKSG | 170.7 | 104 | Sn | 16:25:47.70 | | | -1.97 |
| VRAC | 173.2 | 10 | PnC | 16:25:28.21 | | | -0.19 |
| VRAC | 173.2 | 10 | ePn | 16:25:29.70 | | | 0.83 |
| TREC | 177.0 | 343 | eSn | | | | 25:50.20 |
| | | | iPn | 16:25:30.43 | | | 0.10 |
| DOBS | 188.7 | 197 | Pn | 16:25:31.64 | | | 0.92 |
| BIOA | 191.9 | 267 | Sn | | | | 25:55.59 |
| | | | PnD | 16:25:32.92 | | | 0.45 |
| PKS9 | 205.9 | 130 | PnU | 16:25:33.04 | | | 0.18 |
| PTJ | 209.0 | 185 | iPnC | 16:25:33.80 | | | 0.63 |
| MOZS | 211.5 | 219 | PnD | 16:25:32.67 | | | -0.61 |
| VYHS | 212.4 | 68 | Pn | 16:25:32.92 | | | -0.71 |
| BUD | 215.2 | 99 | iPn | 16:25:34.73 | | | 0.78 |
| VNDS | 217.8 | 211 | PnU | 16:25:34.86 | | | 0.18 |
| CREC | 223.7 | 195 | PnD | 16:25:34.84 | | | -0.05 |
| PKB1 | 225.3 | 119 | PnU | 16:25:36.50 | | | 1.23 |
| KBA | 228.4 | 250 | iPn | 16:25:36.34 | | | 0.82 |
| LJU | 230.4 | 213 | PnD | 16:25:35.73 | | | 0.07 |
| PENC | 231.5 | 90 | PnD | 16:25:35.63 | | | -0.03 |
| PKB4 | 231.5 | 128 | iPn | 16:25:36.48 | | | 0.71 |
| GORS | 232.3 | 226 | PnD | 16:25:35.92 | | | 0.07 |
| PKB5 | 233.0 | 124 | ePn | 16:25:37.20 | | | 0.88 |
| ZVC | 236.8 | 321 | eSn | | | | 26:05.50 |
| | | | PnD | 16:25:36.07 | | | -0.28 |
| KOVH | 237.0 | 142 | Pn | 16:25:36.55 | | | 0.07 |
| PKS7 | 238.1 | 110 | iPn | 16:25:37.45 | | | 0.87 |
| CRNS | 238.9 | 218 | PnD | 16:25:37.62 | | | 0.42 |
| MORC | 243.9 | 24 | PnD | 16:25:38.19 | | | -0.33 |
| MORH | 254.4 | 133 | PnD | 16:25:38.23 | | | -0.31 |
| PKSM | 254.6 | 133 | PnD | 16:25:39.89 | | | 0.72 |
| KRLC | 259.6 | 10 | PnD | 16:25:39.30 | | | -0.07 |
| PKB2 | 261.2 | 118 | PnD | 16:25:39.54 | | | 0.09 |
| PKSV | 261.9 | 143 | Pn | 16:25:40.59 | | | 0.15 |
| PKS2 | 269.8 | 122 | Pn | 16:25:40.64 | | | -0.17 |
| PKB3 | 272.8 | 123 | PnD | 16:25:41.30 | | | -0.10 |
| PSZ | 277.5 | 87 | Pn | 16:25:42.67 | | | 0.10 |
| PKS6 | 286.9 | 117 | Pn | 16:25:44.02 | | | 0.53 |
| PKSN | 294.3 | 109 | Pn | 16:25:44.59 | | | 0.99 |
| TRI | 295.2 | 219 | iPn | 16:25:44.31 | | | 0.30 |
| SKDS | 298.5 | 214 | Pn | 16:25:46.60 | | | 1.00* |
| BSZH | 311.2 | 100 | Pn | 16:25:48.14 | | | 0.30* |
| KECS | 329.1 | 76 | Pn | 16:25:50.03 | | | 0.25* |
| BLY | 344.8 | 167 | PnC | 16:25:55.18 | | | 1.13* |
| AMBH | 379.0 | 115 | PnD | 16:25:53.85 | | | -0.43* |
| ABAH | 380.8 | 81 | Pn | 16:25:57.00 | | | -0.17* |
| FRGS | 404.0 | 137 | PnD | 16:26:00.38 | | | 0.13* |
| BORR | 428.7 | 100 | Pn | 16:26:02.34 | | | -0.32* |
| SIRR | 448.1 | 112 | Pn | 16:26:05.20 | | | -0.04* |
| KOLS | 468.7 | 74 | Pn | 16:26:05.09 | | | -1.02* |
| TRPA | 475.7 | 85 | Pn | 16:26:06.34 | | | -0.20* |
| BZS | 479.1 | 120 | Pn | 16:26:09.53 | | | 0.28* |
| BBLS | 500.9 | 150 | Pn | 16:26:09.22 | | | -0.55* |
| DRGR | 505.1 | 102 | PnC | 16:26:09.18 | | | -0.67* |
| SURR | 505.7 | 116 | Pn | 16:26:13.18 | | | 0.14* |
| STU | 531.3 | 282 | PnD | 16:26:13.88 | | | -0.07* |
| MARR | 538.5 | 103 | PnC | 16:26:14.42 | | | 0.29* |
| MDVR | 540.0 | 128 | PnD | 16:26:18.88 | | | 1.04* |
| GZR | 569.8 | 118 | PnD | 16:26:21.51 | | | 2.76* |
| HERR | 577.1 | 124 | PnC | 16:26:24.55 | | | 0.40* |
| ARCR | 620.4 | 97 | | | | | |

Hypocenter Parameters

BURA 677.6 91 PnD 16:26:31.73 0.44*
 BLKB 683.9 132 PnC 16:26:31.33 -0.74*
 VOIR 726.6 111 PnD 16:26:39.67 2.28*
 BIZ 754.5 97 PnC 16:26:41.13 0.26*
 VRI 831.4 105 PnD 16:26:50.81 0.35*

395.

2021-03-30 time: 17:05:01.61 UTC ML= 1.6
 lat: 47.757N lon: 16.203E h= 12.8 km
 erh= 2.5km erz= 1.8km
 nr= 21 gap= 90 rms=0.89
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 9.4 | 132 | Pg | 17:05:04.99 | 0.54 |
| | | | Sg | 05:06.70 | 0.04 |
| SOP | 27.9 | 107 | Pg | 17:05:07.50 | 0.41 |
| | | | Sg | 05:11.14 | -0.22 |
| CONA | 31.9 | 307 | Pg | 17:05:08.05 | 0.30 |
| WINA | 40.2 | 346 | Pg | 17:05:09.55 | 0.41 |
| | | | Sg | 05:14.73 | -0.28 |
| ARSA | 76.1 | 222 | Pg | 17:05:14.86 | -0.53 |
| | | | Sg | 05:24.10 | -2.04 |
| EGYH | 92.9 | 114 | P* | 17:05:17.47 | -0.82 |
| | | | S* | 05:31.73 | 0.42 |
| MODS | 105.4 | 49 | Pn | 17:05:19.88 | -0.27 |
| | | | Sn | 05:32.73 | -1.89 |
| ABNA | 116.6 | 331 | Pn | 17:05:21.26 | -0.29 |
| | | | Sn | 05:34.33 | -2.77 |
| SMOL | 124.1 | 47 | ePn | 17:05:23.80 | 1.31 |
| | | | eSn | 05:39.80 | 1.03 |
| MOA | 145.5 | 274 | Pn | 17:05:26.58 | 1.43 |
| | | | Sn | 05:45.58 | 2.07 |
| KRUC | 145.8 | 6 | Pn | 17:05:25.61 | 0.42 |
| | | | Sn | 05:42.47 | -1.11 |

396.

2021-03-30 time: 17:08:09.39 UTC ML= 1.1
 lat: 47.745N lon: 16.200E h= 14.9 km
 erh= 2.3km erz= 1.4km
 nr= 9 gap=100 rms=0.33
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 8.8 | 125 | Pg | 17:08:12.67 | 0.18 |
| | | | Sg | 08:14.38 | -0.52 |
| SOP | 27.7 | 104 | Pg | 17:08:15.37 | 0.35 |
| | | | Sg | 08:19.05 | -0.35 |
| CONA | 32.5 | 309 | Pg | 17:08:15.80 | 0.01 |
| ARSA | 75.0 | 223 | Pg | 17:08:23.25 | 0.20 |
| | | | Sg | 08:31.71 | -1.99 |
| MODS | 106.5 | 49 | Pn | 17:08:27.77 | -0.02 |
| | | | Sn | 08:41.78 | -0.37 |

397.

2021-03-30 time: 17:12:58.30 UTC ML= 1.1
 lat: 47.718N lon: 16.187E h= 15.1 km
 erh= 2.3km erz= 1.6km
 nr= 9 gap=120 rms=0.38
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 8.5 | 104 | Pg | 17:13:01.67 | 0.28 |
| | | | Sg | 13:03.47 | -0.32 |
| SOP | 28.2 | 98 | Pg | 17:13:04.36 | 0.36 |
| | | | Sg | 13:08.04 | -0.41 |
| CONA | 33.8 | 314 | Pg | 17:13:04.86 | -0.04 |
| ARSA | 72.1 | 224 | Pg | 17:13:11.74 | 0.28 |
| | | | Sg | 13:21.01 | -0.72 |

Földrengés paraméterek

MODS 109.2 48 Pn 17:13:17.07 0.04
 Sn 13:30.37 -1.26

398.

2021-03-30 time: 18:02:45.80 UTC ML= 1.6
 lat: 47.754N lon: 16.154E h= 12.0 km
 erh= 2.1km erz= 1.5km
 nr= 20 gap=101 rms=0.76
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.3 | 119 | Pg | 18:02:49.28 | 0.41 |
| | | | Sg | 02:51.20 | -0.06 |
| CONA | 29.3 | 312 | Pg | 18:02:51.95 | 0.50 |
| | | | Sg | 02:55.73 | -0.12 |
| SOP | 31.4 | 104 | Sg | 18:02:55.85 | -0.62 |
| WINA | 39.8 | 351 | Pg | 18:02:53.66 | 0.44 |
| | | | Sg | 02:58.69 | -0.32 |
| ARSA | 73.4 | 220 | Pg | 18:02:58.95 | -0.12 |
| | | | Sg | 03:07.69 | -1.74 |
| MODS | 108.5 | 51 | Pn | 18:03:04.40 | -0.42 |
| | | | Sn | 03:18.16 | -1.49 |
| ABNA | 115.2 | 332 | Pn | 18:03:05.39 | -0.26 |
| | | | Sn | 03:18.32 | -2.82 |
| SMOL | 127.1 | 48 | ePn | 18:03:08.20 | 1.06 |
| | | | eSn | 03:24.00 | 0.21 |
| MOA | 141.8 | 274 | Pn | 18:03:10.35 | 1.38 |
| | | | Sn | 03:27.99 | 0.94 |
| KRUC | 146.6 | 7 | Pn | 18:03:09.80 | 0.23 |
| | | | Sn | 03:26.92 | -1.19 |
| TREC | 178.3 | 344 | eSn | 18:03:35.60 | 0.44 |

399.

2021-03-30 time: 18:29:39.82 UTC ML= 0.7
 lat: 47.753N lon: 16.153E h= 12.1 km
 erh= 2.1km erz= 1.6km
 nr= 12 gap=102 rms=0.52
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.3 | 119 | Pg | 18:29:43.28 | 0.38 |
| | | | Sg | 29:45.24 | -0.06 |
| CONA | 29.3 | 312 | Pg | 18:29:45.70 | 0.22 |
| | | | Sg | 29:49.56 | -0.33 |
| SOP | 31.4 | 104 | Pg | 18:29:46.37 | 0.54 |
| | | | Sg | 29:49.17 | -1.35 |
| WINA | 39.9 | 351 | Pg | 18:29:47.61 | 0.34 |
| | | | Sg | 29:52.66 | -0.41 |
| ARSA | 73.3 | 220 | Sg | 18:30:02.46 | -0.97 |
| MODS | 108.6 | 51 | Sn | 18:30:13.11 | -0.58 |
| KRUC | 146.7 | 7 | Pn | 18:30:04.02 | 0.42 |
| | | | Sn | 30:21.67 | -0.47 |

400.

2021-03-30 time: 21:13:24.25 UTC ML= 0.6
 lat: 47.765N lon: 16.169E h= 12.2 km
 erh= 1.8km erz= 1.6km
 nr= 14 gap= 93 rms=0.58
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 12.0 | 127 | Pg | 21:13:27.56 | 0.25 |
| | | | Sg | 13:29.41 | -0.29 |
| CONA | 29.3 | 308 | Pg | 21:13:30.12 | 0.20 |
| | | | Sg | 13:33.93 | -0.41 |
| SOP | 30.6 | 107 | Pg | 21:13:30.57 | 0.44 |
| | | | Sg | 13:34.64 | -0.08 |
| WINA | 38.7 | 349 | Pg | 21:13:32.01 | 0.51 |
| | | | Sg | 13:37.23 | 0.08 |

Földrengés paraméterek

Hypocenter Parameters

ARSA 75.1 220 Pg 21:13:37.75 -0.09
 Sg 13:47.19 -1.25
 MODS 106.8 51 Sn 21:13:56.63 -1.05
 ABNA 114.6 331 Pn 21:13:43.86 -0.14
 Sn 13:56.45 -2.96
 MOA 142.9 274 Sn 21:14:07.11 1.42

401.

2021-03-30 time: 21:17:04.06 UTC ML= 0.8
 lat: 47.739N lon: 16.143E h= 13.8 km
 erh= 1.5km erz= 1.1km
 nr= 14 gap=109 rms=0.43
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| RONA | 12.3 | 111 | Pg | 21:17:07.73 | | | 0.37 |
| | | | Sg | 17:09.48 | | | -0.45 |
| CONA | 29.8 | 315 | Pg | 21:17:10.04 | | | 0.12 |
| | | | Sg | 17:14.28 | | | -0.21 |
| SOP | 31.8 | 101 | Pg | 21:17:10.44 | | | 0.20 |
| | | | Sg | 17:14.46 | | | -0.61 |
| WINA | 41.3 | 353 | Pg | 21:17:12.06 | | | 0.22 |
| | | | Sg | 17:17.36 | | | -0.54 |
| ARSA | 71.6 | 221 | Sg | 21:17:26.76 | | | -0.48 |
| EGYH | 96.3 | 112 | S* | 21:17:34.71 | | | 0.19 |
| MODS | 110.2 | 50 | Pn | 21:17:23.72 | | | 0.65 |
| | | | Sn | 17:37.12 | | | -0.78 |
| ABNA | 116.3 | 333 | Pn | 21:17:23.83 | | | 0.00 |
| | | | Sn | 17:36.76 | | | -2.49* |

402.

2021-03-30 time: 23:26:11.23 UTC ML= 0.4
 lat: 47.776N lon: 16.188E h= 11.5 km
 erh= 1.9km erz= 1.6km
 nr= 9 gap=169 rms=0.25
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 11.7 | 136 | Pg | 23:26:14.15 | | | 0.00 |
| | | | Sg | 26:16.06 | | | -0.37 |
| SOP | 29.6 | 110 | Pg | 23:26:17.17 | | | 0.28 |
| | | | Sg | 26:21.16 | | | -0.15 |
| CONA | 29.8 | 305 | Pg | 23:26:16.92 | | | 0.00 |
| | | | Sg | 26:21.06 | | | -0.30 |
| WINA | 37.9 | 347 | Pg | 23:26:18.69 | | | 0.40 |
| | | | Sg | 26:23.82 | | | 0.02 |
| KRUC | 143.9 | 6 | Sn | 23:26:52.61 | | | -0.46 |

403.

2021-03-31 time: 7:12:16.17 UTC ML= 1.2
 lat: 47.863N lon: 16.038E h= 10.7 km
 erh= 2.4km erz= 1.8km
 nr= 14 gap= 76 rms=0.74
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CONA | 15.1 | 299 | Pg | 7:12:19.60 | | | 0.13 |
| | | | Sg | 12:21.71 | | | -0.33 |
| RONA | 26.6 | 133 | Pg | 7:12:21.31 | | | 0.03 |
| | | | Sg | 12:24.92 | | | -0.35 |
| WINA | 27.3 | 6 | Pg | 7:12:21.84 | | | 0.43 |
| | | | Sg | 12:26.05 | | | 0.56 |
| ARSA | 78.4 | 210 | Sg | 7:12:39.69 | | | -1.62 |
| ABNA | 100.4 | 333 | P* | 7:12:33.67 | | | -0.52 |
| | | | S* | 12:45.56 | | | -2.68 |
| MODS | 108.3 | 58 | Sn | 7:12:49.93 | | | -0.38 |
| MOA | 132.6 | 269 | Pn | 7:12:39.57 | | | 1.20 |
| | | | Sn | 12:56.56 | | | 0.87 |
| KRUC | 135.9 | 11 | Pn | 7:12:39.38 | | | 0.60 |

404.

2021-03-31 time: 8:09:40.00 UTC ML= 1.5
 lat: 45.502N lon: 18.101E h= 15.7 km
 erh= 5.6km erz= 2.6km
 nr= 7 gap=332 rms=0.22
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSV | 44.5 | 15 | Sg | 8:09:55.00 | | | -0.01 |
| KOVH | 65.2 | 360 | Pg | 8:09:51.77 | | | -0.20 |
| | | | Sg | 10:01.49 | | | 0.19 |
| PKSM | 89.4 | 28 | P* | 8:09:55.87 | | | 0.01 |
| | | | S* | 10:07.82 | | | -0.42 |
| MORH | 89.9 | 28 | P* | 8:09:56.27 | | | 0.33 |
| | | | S* | 10:08.30 | | | -0.07 |

405.

2021-03-31 time: 8:12:47.83 UTC ML= 1.6
 lat: 47.013N lon: 17.997E h= 0.0 km
 erh= 1.3km erz= 2.5km
 nr= 14 gap= 96 rms=0.52
 Locality: Balatonalmádi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| TIH | 14.9 | 212 | Pg | 8:12:51.11 | | | 0.62 |
| | | | Sg | 12:54.22 | | | 1.66 |
| PKST | 27.5 | 6 | Pg | 8:12:52.41 | | | -0.33 |
| | | | Sg | 12:56.53 | | | -0.03 |
| MPLH | 38.9 | 297 | Pg | 8:12:54.22 | | | -0.55 |
| | | | Sg | 12:59.94 | | | -0.25 |
| CSKK | 43.7 | 27 | Sg | 8:13:01.75 | | | 0.02 |
| PKSG | 51.6 | 35 | Sg | 8:13:04.97 | | | 0.74 |
| MORH | 101.6 | 151 | Pg | 8:13:06.00 | | | 0.03 |
| | | | Sg | 13:19.56 | | | -0.55 |
| PKSM | 101.8 | 151 | Sg | 8:13:19.96 | | | -0.24 |
| KOVH | 103.1 | 176 | Sg | 8:13:19.93 | | | -0.68 |
| RONA | 149.4 | 301 | Sn | 8:13:34.12 | | | 0.60 |
| PSZ | 174.9 | 55 | Sn | 8:13:39.74 | | | 0.57 |

406.

2021-03-31 time: 8:33:27.30 UTC ML= 1.9
 lat: 48.867N lon: 20.482E h= 0.0 km
 erh= 2.9km erz= 4.0km
 nr= 14 gap= 98 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 42.7 | 180 | Pg | 8:33:35.34 | | | 0.41 |
| | | | Sg | 33:40.66 | | | -0.22 |
| NIE | 62.6 | 349 | Pg | 8:33:39.10 | | | 0.62 |
| | | | Sg | 33:45.98 | | | -1.21 |
| ABAH | 84.6 | 139 | Pg | 8:33:42.27 | | | -0.14 |
| | | | Sg | 33:53.72 | | | -0.48 |
| PSZ | 114.1 | 202 | Pg | 8:33:48.25 | | | 0.56 |
| | | | Sg | 34:02.71 | | | -0.88 |
| VYHS | 128.1 | 251 | Pg | 8:33:50.35 | | | 0.17 |
| | | | Sg | 34:05.36 | | | -2.67 |
| KOLS | 131.5 | 87 | Pn | 8:33:50.75 | | | 0.01 |
| | | | Sn | 34:06.87 | | | -2.15 |
| OJC | 158.3 | 342 | Pn | 8:33:55.27 | | | 1.19 |
| | | | Sn | 34:14.65 | | | -0.31 |

Hypocenter Parameters

Földregés paraméterek

407.

2021-03-31 time: 10:21:57.27 UTC ML= 1.9
 lat: 47.766N lon: 16.173E h= 11.7 km
 erh= 1.8km erz= 1.4km
 nr= 30 gap= 84 rms=0.84
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 11.9 | 129 | Pg | 10:22:00.63 | 0.39 |
| | | | Sg | 22:02.49 | -0.07 |
| CONA | 29.4 | 308 | Pg | 10:22:03.18 | 0.26 |
| SOP | 30.4 | 108 | Pg | 10:22:03.52 | 0.44 |
| | | | Sg | 22:07.43 | -0.19 |
| WINA | 38.6 | 349 | Pg | 10:22:05.15 | 0.68 |
| | | | Sg | 22:09.64 | -0.45 |
| ARSA | 75.4 | 220 | Pg | 10:22:10.23 | -0.66 |
| | | | Sg | 22:19.82 | -1.70 |
| EGYH | 95.5 | 114 | Pg | 10:22:14.71 | 0.27 |
| | | | Sg | 22:26.22 | -1.62 |
| MODS | 106.5 | 51 | Pn | 10:22:16.02 | -0.07 |
| | | | Sn | 22:29.28 | -1.49 |
| ABNA | 114.6 | 331 | Pn | 10:22:16.96 | -0.14 |
| | | | Sn | 22:30.43 | -2.13 |
| SMOL | 125.1 | 48 | ePn | 10:22:19.60 | 1.19 |
| | | | eSn | 22:35.40 | 0.50 |
| MOA | 143.1 | 274 | Pn | 10:22:21.81 | 1.16 |
| | | | Sn | 22:38.68 | -0.22 |
| KRUC | 145.0 | 7 | Pn | 10:22:21.34 | 0.45 |
| | | | Sn | 22:38.36 | -0.95 |
| SOKA | 148.7 | 216 | Pn | 10:22:21.35 | 0.00 |
| | | | Sn | 22:38.88 | -1.25 |
| PERS | 149.0 | 212 | Sn | 10:22:39.56 | -0.65 |
| OBKA | 186.3 | 221 | Pn | 10:22:27.78 | 1.74 |
| | | | Sn | 22:51.42 | 2.93 |
| KBA | 226.7 | 250 | Pn | 10:22:32.89 | 1.81 |
| | | | Sn | 22:56.82 | -0.63 |
| KRLC | 260.6 | 10 | Pn | 10:22:36.39 | 1.08 |
| | | | Sn | 23:05.13 | 0.15 |

408.

2021-03-31 time: 11:00:54.48 UTC ML= 1.8
 lat: 48.872N lon: 20.946E h= 0.0 km
 erh= 2.1km erz= 2.8km
 nr= 12 gap=115 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 54.9 | 218 | Pg | 11:01:04.87 | 0.58 |
| | | | Sg | 01:11.79 | -0.15 |
| ABAH | 67.6 | 161 | Pg | 11:01:07.07 | 0.52 |
| | | | Sg | 01:16.01 | 0.04 |
| NIE | 76.3 | 323 | Pg | 11:01:09.48 | 1.37 |
| | | | Sg | 01:18.12 | -0.62 |
| KOLS | 97.6 | 86 | Pg | 11:01:11.28 | -0.62 |
| | | | Sg | 01:25.25 | -0.24 |
| PSZ | 131.6 | 216 | Pn | 11:01:18.12 | 0.21 |
| | | | Sn | 01:34.39 | -1.80 |
| VYHS | 160.9 | 255 | Sn | 11:01:41.41 | -1.30 |
| OJC | 171.3 | 331 | Sn | 11:01:44.62 | -0.40 |

409.

2021-03-31 time: 11:21:41.90 UTC ML= 1.4
 lat: 47.854N lon: 16.046E h= 0.0 km
 erh= 1.5km erz= 2.0km
 nr= 7 gap=192 rms=0.55
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 16.0 | 301 | Pg | 11:21:44.70 | -0.07 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 21:46.79 | -0.21 |
| RONA | 25.5 | 132 | Pg | 11:21:46.53 | 0.08 |
| | | | Sg | 21:50.33 | 0.33 |
| ARSA | 77.8 | 210 | Sg | 11:22:05.01 | -1.63 |
| KBA | 221.2 | 247 | Pn | 11:22:17.46 | 0.95 |
| | | | Sn | 22:43.77 | 0.26 |

410.

2021-03-31 time: 14:36:03.68 UTC ML= 1.1
 lat: 47.595N lon: 16.342E h= 0.0 km
 erh= 2.3km erz= 3.5km
 nr= 10 gap=257 rms=0.37
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.1 | 344 | Pg | 14:36:06.07 | 0.22 |
| | | | Sg | 36:08.15 | 0.61 |
| SOP | 19.0 | 59 | Pg | 14:36:07.16 | 0.09 |
| | | | Sg | 36:09.95 | 0.23 |
| CONA | 51.7 | 316 | Pg | 14:36:12.68 | -0.22 |
| | | | Sg | 36:20.13 | 0.03 |
| WINA | 60.4 | 341 | Pg | 14:36:14.64 | 0.17 |
| | | | Sg | 36:22.65 | -0.23 |
| MODS | 111.3 | 39 | Sg | 14:36:38.12 | -0.92 |
| KRUC | 163.2 | 1 | Sn | 14:36:51.30 | -1.11 |

411.

2021-04-01 time: 7:59:22.80 UTC ML= 1.3
 lat: 48.407N lon: 19.095E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 10 gap=148 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 21.5 | 297 | Pg | 7:59:26.91 | 0.28 |
| | | | Sg | 59:29.82 | 0.20 |
| PENC | 69.9 | 169 | Sg | 7:59:45.48 | 0.46 |
| PSZ | 80.5 | 132 | Pg | 7:59:37.95 | 0.77 |
| | | | Sg | 59:48.00 | -0.40 |
| KECS | 103.3 | 85 | Pg | 7:59:41.27 | 0.03 |
| | | | Sg | 59:54.92 | -0.70 |
| PKSG | 124.5 | 205 | Sg | 7:60:01.75 | -0.62 |
| CSKK | 131.7 | 208 | Sn | 7:60:03.86 | -0.70 |
| MODS | 134.7 | 268 | Sn | 7:60:04.46 | -0.75 |

412.

2021-04-01 time: 8:01:29.37 UTC ML= 1.8
 lat: 48.410N lon: 19.067E h= 0.0 km
 erh= 2.2km erz= 2.6km
 nr= 16 gap= 75 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 19.4 | 299 | Pg | 8:01:33.41 | 0.57 |
| | | | Sg | 01:36.42 | 0.87 |
| PENC | 70.7 | 167 | Sg | 8:01:51.98 | 0.13 |
| PSZ | 82.4 | 132 | Pg | 8:01:45.26 | 1.19 |
| | | | Sg | 01:54.80 | -0.74 |
| KECS | 105.3 | 86 | Pg | 8:01:47.87 | -0.30 |
| | | | Sg | 02:01.22 | -1.61 |
| PKSG | 124.0 | 204 | Pg | 8:01:52.09 | 0.58 |
| | | | Sg | 02:07.35 | -1.43 |
| MODS | 132.6 | 268 | Pn | 8:01:52.29 | -0.64 |
| | | | Sn | 02:10.26 | -1.05 |
| NIE | 144.7 | 39 | Pn | 8:01:55.30 | 0.86 |
| | | | Sn | 02:12.97 | -1.02 |
| PKST | 149.5 | 211 | Sn | 8:02:14.78 | -0.29 |
| ABAH | 161.5 | 95 | Sn | 8:02:18.29 | 0.55 |
| MORC | 188.4 | 324 | Sn | 8:02:22.91 | -0.79 |

Földrengés paraméterek

Hypocenter Parameters

413.

2021-04-01 time: 8:54:54.83 UTC ML= 1.1
 lat: 46.179N lon: 18.299E h= 0.0 km
 erh= 1.3km erz= 2.6km
 nr= 12 gap=114 rms=0.37
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 18.4 | 237 | Pg | 8:54:58.01 | -0.10 |
| | | | Sg | 55:01.02 | 0.34 |
| PKSM | 26.7 | 82 | Pg | 8:54:59.94 | 0.35 |
| | | | Sg | 55:03.83 | 0.52 |
| MORH | 27.0 | 81 | Pg | 8:54:59.71 | 0.07 |
| | | | Sg | 55:03.28 | -0.12 |
| PKSV | 32.5 | 186 | Pg | 8:55:00.42 | -0.21 |
| | | | Sg | 55:05.14 | -0.02 |
| PKB4 | 42.4 | 34 | Sg | 8:55:10.05 | 1.76 |
| PKB2 | 91.0 | 53 | Sg | 8:55:22.93 | -0.82 |
| PKST | 121.7 | 350 | Sg | 8:55:33.38 | -0.14 |
| PKSG | 135.0 | 3 | Sn | 8:55:36.89 | -0.42 |

414.

2021-04-01 time: 9:49:39.00 UTC ML= 1.6
 lat: 48.624N lon: 20.735E h= 0.0 km
 erh= 2.6km erz= 4.2km
 nr= 10 gap= 92 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.1 | 230 | Pg | 9:49:43.51 | 0.21 |
| | | | Sg | 49:46.67 | 0.00 |
| ABAH | 52.2 | 134 | Pg | 9:49:48.98 | 0.66 |
| | | | Sg | 49:55.21 | -0.38 |
| NIE | 93.6 | 341 | Pg | 9:49:56.11 | 0.39 |
| PSZ | 100.2 | 218 | Pg | 9:49:56.56 | -0.33 |
| | | | Sg | 50:10.42 | -0.43 |
| KOLS | 118.2 | 73 | Sg | 9:50:15.14 | -1.43 |
| VYHS | 140.9 | 264 | Pn | 9:50:04.15 | 0.55 |
| | | | Sn | 50:21.32 | -1.46 |

415.

2021-04-01 time: 10:28:18.79 UTC ML= 1.6
 lat: 48.549N lon: 20.821E h= 0.0 km
 erh= 1.4km erz= 3.3km
 nr= 10 gap= 92 rms=0.41
 Locality: Hidvégyardó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KECS | 25.8 | 254 | Pg | 10:28:23.22 | -0.18 |
| | | | Sg | 28:27.06 | 0.07 |
| ABAH | 41.8 | 132 | Pg | 10:28:26.13 | -0.12 |
| | | | Sg | 28:32.41 | 0.33 |
| PSZ | 98.2 | 224 | Pg | 10:28:36.68 | 0.35 |
| | | | Sg | 28:49.88 | -0.13 |
| NIE | 103.7 | 339 | Pg | 10:28:37.88 | 0.58 |
| KOLS | 115.1 | 68 | Sg | 10:28:54.55 | -0.81 |
| VYHS | 146.8 | 268 | Pn | 10:28:43.71 | -0.41 |
| | | | Sn | 29:01.83 | -2.05* |

416.

2021-04-01 time: 13:53:03.44 UTC ML= 1.5
 lat: 45.606N lon: 17.583E h= 14.5 km
 erh= 7.0km erz= 2.6km
 nr= 10 gap=268 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 60.8 | 59 | Pg | 13:53:14.77 | 0.17 |
| | | | Sg | 53:20.54 | -2.76 |
| KOVH | 67.0 | 37 | Pg | 13:53:15.93 | 0.26 |
| | | | Sg | 53:25.67 | 0.45 |
| PKSM | 106.2 | 51 | Pn | 13:53:21.94 | 0.08 |
| | | | Sn | 53:35.90 | -0.33 |
| MORH | 106.6 | 51 | Pn | 13:53:21.93 | 0.01 |
| | | | Sn | 53:35.60 | -0.73 |
| BEHE | 114.6 | 327 | Sn | 13:53:37.17 | -0.93 |
| PKB4 | 126.6 | 39 | Sn | 13:53:42.66 | 1.89 |

417.

2021-04-02 time: 0:01:00.89 UTC ML= 1.9
 lat: 46.092N lon: 17.035E h= 10.2 km
 erh= 1.8km erz= 1.3km
 nr= 39 gap= 80 rms=0.83
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 46.5 | 335 | Pg | 0:01:09.86 | 0.46 |
| | | | Sg | 01:16.36 | 0.33 |
| KOGS | 72.3 | 303 | Pg | 0:01:15.30 | 1.37 |
| | | | Sg | 01:22.90 | -1.19 |
| KOVH | 82.4 | 90 | Pg | 0:01:15.83 | 0.12 |
| | | | Sg | 01:25.36 | -1.91 |
| PTJ | 86.1 | 256 | Pg | 0:01:16.90 | 0.52 |
| | | | Sg | 01:27.21 | -1.25 |
| PKSV | 97.0 | 104 | Pg | 0:01:18.69 | 0.38 |
| | | | Sg | 01:31.00 | -0.89 |
| GOLS | 109.5 | 265 | iSn | 0:01:35.48 | 0.08 |
| PKS9 | 110.4 | 60 | Pn | 0:01:19.91 | -0.48 |
| | | | Sn | 01:34.56 | -1.03 |
| TIH | 111.4 | 36 | Pn | 0:01:20.02 | -0.48 |
| | | | Sn | 01:33.96 | -1.84 |
| DOBS | 121.2 | 273 | eSn | 0:01:38.22 | 0.24 |
| PKSM | 124.8 | 84 | Sn | 0:01:38.61 | -0.17 |
| MORH | 125.1 | 84 | Pn | 0:01:21.73 | -0.48 |
| | | | Sn | 01:38.80 | -0.04 |
| GROS | 125.1 | 289 | Pn | 0:01:22.20 | -0.01 |
| | | | Sn | 01:36.98 | -1.86 |
| CREG | 125.9 | 256 | Pn | 0:01:23.27 | 0.96 |
| | | | Sn | 01:37.90 | -1.12 |
| MPLH | 125.9 | 18 | Pn | 0:01:22.11 | -0.20 |
| | | | Sn | 01:38.73 | -0.29 |
| PKB4 | 129.0 | 70 | Pn | 0:01:22.14 | -0.56 |
| | | | Sn | 01:40.14 | 0.44 |
| PKB5 | 142.3 | 67 | Pn | 0:01:23.73 | -0.64 |
| | | | Sn | 01:43.46 | 0.78 |
| EGYH | 149.0 | 9 | Sn | 0:01:45.70 | 1.54 |
| BLY | 149.8 | 176 | Sn | 0:01:45.27 | 0.95 |
| PKST | 150.6 | 31 | Pn | 0:01:24.98 | -0.41 |
| | | | Sn | 01:45.29 | 0.79 |
| PKB1 | 155.4 | 60 | Sn | 0:01:47.00 | 1.42 |
| CSKK | 169.5 | 34 | Sn | 0:01:50.04 | 1.34 |
| PKB3 | 170.6 | 78 | Sn | 0:01:50.69 | 1.75 |
| ARSA | 173.1 | 318 | Sn | 0:01:49.92 | 0.42 |
| PKSG | 177.8 | 36 | Sn | 0:01:52.00 | 1.46 |
| PKS6 | 202.7 | 74 | Sn | 0:01:56.56 | 0.48 |

418.

2021-04-02 time: 6:23:31.80 UTC ML= 0.6
 lat: 47.759N lon: 16.149E h= 8.9 km
 erh= 2.0km erz= 4.3km
 nr= 9 gap=114 rms=0.34
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| RONA | 12.8 | 121 | Pg | 6:23:34.87 | 0.28 |
| | | | Sg | 23:36.70 | -0.07 |

Hypocenter Parameters

CONA 28.6 311 Pg 6:23:37.53 0.38
 Sg 23:41.02 -0.31
 SOP 31.8 105 Pg 6:23:37.68 -0.02
 Sg 23:41.92 -0.38
 WINA 39.1 352 Pg 6:23:39.13 0.16
 Sg 23:44.23 -0.33
 ARSA 73.6 220 Sg 6:23:53.99 -1.39

419.

2021-04-02 time: 7:40:12.58 UTC ML= 1.4
 lat: 47.759N lon: 16.152E h= 12.6 km
 erh= 1.5km erz= 1.0km
 nr= 21 gap= 91 rms=0.56
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 12.7 | 122 | Pg | 7:40:15.97 | 0.20 |
| | | | Sg | 40:17.78 | -0.47 |
| CONA | 28.7 | 311 | Pg | 7:40:18.81 | 0.63 |
| | | | Sg | 40:22.45 | -0.10 |
| SOP | 31.6 | 106 | Pg | 7:40:18.76 | 0.11 |
| | | | Sg | 40:22.85 | -0.54 |
| WINA | 39.1 | 351 | Pg | 7:40:20.36 | 0.44 |
| | | | Sg | 40:25.37 | -0.28 |
| ARSA | 73.8 | 220 | Pg | 7:40:25.62 | -0.33 |
| | | | Sg | 40:34.83 | -1.54 |
| MODS | 108.2 | 51 | Pn | 7:40:31.92 | 0.43 |
| | | | Sn | 40:45.32 | -0.92 |
| ABNA | 114.6 | 332 | Pn | 7:40:32.08 | -0.20 |
| | | | Sn | 40:46.04 | -1.62 |
| MOA | 141.7 | 274 | Pn | 7:40:36.32 | 0.66 |
| | | | Sn | 40:53.87 | 0.20 |
| KRUC | 145.9 | 7 | Pn | 7:40:36.84 | 0.64 |
| | | | Sn | 40:53.86 | -0.76 |
| PERS | 147.5 | 212 | Sn | 7:40:55.52 | 0.55 |
| KBA | 225.0 | 250 | Pn | 7:40:45.96 | -0.10 |
| | | | Sn | 41:11.54 | -0.63 |

420.

2021-04-02 time: 9:47:52.55 UTC ML= 1.6
 lat: 46.114N lon: 21.732E h= 0.0 km
 erh= 4.1km erz= 6.0km
 nr= 13 gap=153 rms=1.39
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 18.0 | 342 | Pg | 9:47:56.19 | 0.42 |
| | | | Sg | 47:58.39 | 0.12 |
| SURR | 50.2 | 143 | PgC | 9:48:03.99 | 2.46 |
| BZS | 56.0 | 189 | Pg | 9:48:02.66 | 0.11 |
| | | | Sg | 48:09.23 | -1.12 |
| DRGR | 106.5 | 45 | Pg | 9:48:12.10 | 0.54 |
| | | | Sg | 48:23.85 | -2.54 |
| GZR | 114.1 | 135 | Pg | 9:48:14.51 | 1.58 |
| | | | Sg | 48:29.27 | 0.45 |
| MARR | 123.6 | 60 | Sg | 9:48:29.90 | -1.94 |
| HERR | 147.1 | 159 | Sn | 9:48:36.60 | -1.11 |
| MDVR | 148.1 | 181 | Sn | 9:48:35.00 | -2.94 |
| MDVR | 148.1 | 181 | PnD | 9:48:16.90 | -1.15 |

421.

2021-04-02 time: 12:32:03.15 UTC ML= 1.4
 lat: 47.552N lon: 16.343E h= 0.0 km
 erh= 1.8km erz= 2.1km
 nr= 18 gap=135 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| RONA | 16.8 | 348 | Pg | 12:32:06.44 | 0.30 |

Földrengés paraméterek

Sg 32:08.07 -0.41
 SOP 21.8 48 Pg 12:32:07.39 0.35
 Sg 32:10.25 0.17
 CONA 55.2 319 Pg 12:32:13.67 0.66
 Sg 32:20.12 -0.58
 WINA 64.9 342 Pg 12:32:15.17 0.43
 Sg 32:23.84 0.05
 ARSA 70.4 242 Sg 12:32:25.22 -0.29
 MODS 115.0 37 Sg 12:32:38.64 -1.05
 KOGS 122.9 183 Sg 12:32:42.04 -0.18
 GROS 137.1 208 Sn 12:32:45.20 -0.90
 ABNA 141.6 331 Pn 12:32:28.34 0.50
 Sn 32:46.14 -0.95
 MOA 159.3 282 Pn 12:32:31.84 1.79
 Sn 32:50.71 -0.32
 KRUC 167.9 1 Pn 12:32:30.44 -0.68
 Sn 32:50.52 -2.42

422.

2021-04-02 time: 20:12:12.29 UTC ML= 2.2
 lat: 47.778N lon: 16.159E h= 11.4 km
 erh= 1.7km erz= 1.3km
 nr= 50 gap= 47 rms=1.00
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.5 | 130 | Pg | 20:12:15.16 | -0.29 |
| | | | Sg | 12:17.27 | -0.64 |
| CONA | 27.8 | 307 | Pg | 20:12:17.87 | 0.21 |
| | | | Sg | 12:21.51 | -0.33 |
| SOP | 31.8 | 109 | Pg | 20:12:18.22 | -0.10 |
| | | | Sg | 12:21.64 | -1.38 |
| WINA | 37.1 | 350 | Pg | 20:12:19.57 | 0.34 |
| | | | Sg | 12:24.59 | -0.04 |
| ARSA | 75.8 | 219 | Pg | 20:12:25.10 | -0.87 |
| | | | Sg | 12:33.70 | -2.94 |
| EGYH | 96.9 | 114 | P* | 20:12:29.52 | -0.20 |
| | | | S* | 12:41.27 | -2.04 |
| MODS | 106.4 | 52 | Pn | 20:12:30.22 | -0.92 |
| | | | Sn | 12:44.44 | -1.41 |
| A339 | 112.3 | 87 | Pn | 20:12:32.56 | 0.69 |
| | | | Sn | 12:46.40 | -0.75 |
| ABNA | 112.9 | 331 | Pn | 20:12:30.99 | -0.96 |
| | | | Sn | 12:44.46 | -2.82 |
| MPLH | 124.1 | 123 | Pn | 20:12:33.21 | -0.14 |
| | | | Sn | 12:48.66 | -1.11 |
| SMOL | 125.0 | 49 | ePn | 20:12:33.70 | 0.25 |
| | | | eSn | 12:49.50 | -0.46 |
| A337 | 132.2 | 67 | Pn | 20:12:34.82 | 0.46 |
| | | | Sn | 12:51.67 | 0.09 |
| MOA | 142.0 | 273 | Pn | 20:12:35.82 | 0.24 |
| | | | Sn | 12:53.32 | -0.42 |
| KRUC | 143.8 | 7 | Pn | 20:12:35.66 | -0.14 |
| | | | Sn | 12:52.48 | -1.66 |
| KOGS | 148.1 | 177 | Pn | 20:12:38.10 | 1.76 |
| | | | Sn | 12:55.39 | 0.30 |
| SOKA | 149.1 | 215 | Pn | 20:12:36.57 | 0.10 |
| | | | Sn | 12:54.13 | -1.20 |
| PERS | 149.6 | 212 | Pn | 20:12:37.11 | 0.58 |
| | | | Sn | 12:55.54 | 0.11 |
| PKST | 152.6 | 112 | Pn | 20:12:38.92 | 2.02 |
| GROS | 154.7 | 199 | Pn | 20:12:38.57 | 1.40 |
| SRO | 161.5 | 89 | Pn | 20:12:39.77 | 1.76 |
| A338 | 166.1 | 81 | Pn | 20:12:40.58 | 1.99 |
| OBKA | 186.6 | 221 | Pn | 20:12:41.45 | 0.30 |
| | | | Sn | 13:06.00 | 2.35 |
| BIOA | 189.3 | 267 | Pn | 20:12:42.18 | 0.70 |
| | | | Sn | 13:04.77 | 0.52 |
| VYHS | 214.6 | 68 | ePn | 20:12:44.30 | -0.33 |
| | | | eSn | 13:07.70 | -2.15 |
| KBA | 226.2 | 250 | Pn | 20:12:47.97 | 1.90 |
| | | | Sn | 13:12.59 | 0.17 |
| MYKA | 229.5 | 236 | Pn | 20:12:46.55 | 0.06 |

Földrengés paraméterek

Hypocenter Parameters

Sn 13:12.91 -0.26
 LESA 264.8 261 Pn 20:12:50.66 -0.23
 Sn 13:21.99 0.99
 WTTA 345.4 260 Pn 20:13:00.50 -0.44*
 Sn 13:38.65 -0.24*
 WATA 348.4 262 Pn 20:13:01.09 -0.23*
 Sn 13:39.04 -0.51*
 SQTA 378.1 261 Pn 20:13:05.09 0.07*
 Sn 13:45.57 -0.58*
 MOTA 383.5 263 Pn 20:13:05.53 -0.16*
 Sn 13:47.08 -0.26*

423.

2021-04-03 time: 2:24:26.97 UTC ML= 1.2
 lat: 47.760N lon: 16.165E h= 12.9 km
 erh= 1.5km erz= 1.3km
 nr= 12 gap= 99 rms=0.35
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 11.9 | 124 | Pg | 2:24:30.21 | | | 0.10 |
| | | | Sg | 24:32.12 | | | -0.43 |
| CONA | 29.4 | 309 | Pg | 2:24:32.92 | | | 0.21 |
| | | | Sg | 24:37.08 | | | -0.10 |
| SOP | 30.7 | 106 | Pg | 2:24:33.26 | | | 0.34 |
| | | | Sg | 24:37.18 | | | -0.38 |
| WINA | 39.2 | 350 | Pg | 2:24:34.71 | | | 0.37 |
| | | | Sg | 24:39.86 | | | -0.23 |
| ARSA | 74.5 | 220 | Pg | 2:24:40.35 | | | -0.12 |
| | | | Sg | 24:49.08 | | | -1.92 |
| KRUC | 145.7 | 7 | Pn | 2:24:50.78 | | | 0.25 |
| | | | Sn | 25:08.00 | | | -0.91 |

424.

2021-04-03 time: 6:59:15.39 UTC ML= 1.4
 lat: 47.776N lon: 16.153E h= 11.3 km
 erh= 2.1km erz= 1.6km
 nr= 16 gap= 91 rms=0.62
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.7 | 128 | PgU | 6:59:18.70 | | | 0.14 |
| CONA | 27.6 | 308 | Pg | 6:59:21.13 | | | 0.41 |
| SOP | 32.1 | 109 | Pg | 6:59:21.60 | | | 0.14 |
| | | | Sg | 59:25.65 | | | -0.55 |
| WINA | 37.3 | 351 | Pg | 6:59:22.45 | | | 0.10 |
| | | | Sg | 59:27.40 | | | -0.38 |
| ARSA | 75.3 | 219 | Pg | 6:59:28.76 | | | -0.22 |
| | | | Sg | 59:37.80 | | | -1.79 |
| MODS | 106.9 | 52 | Pn | 6:59:34.89 | | | 0.59 |
| | | | Sn | 59:47.94 | | | -1.12 |
| ABNA | 113.0 | 332 | Pn | 6:59:34.96 | | | -0.10 |
| | | | Sn | 59:49.04 | | | -1.36 |
| MOA | 141.6 | 273 | Pn | 6:59:39.87 | | | 1.24 |
| | | | Sn | 59:57.06 | | | 0.30 |
| KRUC | 144.1 | 7 | Pn | 6:59:39.50 | | | 0.56 |
| | | | Sn | 59:56.58 | | | -0.73 |

425.

2021-04-03 time: 13:35:47.79 UTC ML= 0.4
 lat: 47.754N lon: 16.176E h= 14.2 km
 erh= 1.9km erz= 1.9km
 nr= 8 gap= 99 rms=0.42
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| RONA | 10.9 | 124 | Pg | 13:35:51.53 | | | 0.55 |
| | | | Sg | 35:53.29 | | | -0.17 |
| SOP | 29.7 | 105 | Sg | 13:35:57.95 | | | -0.31 |

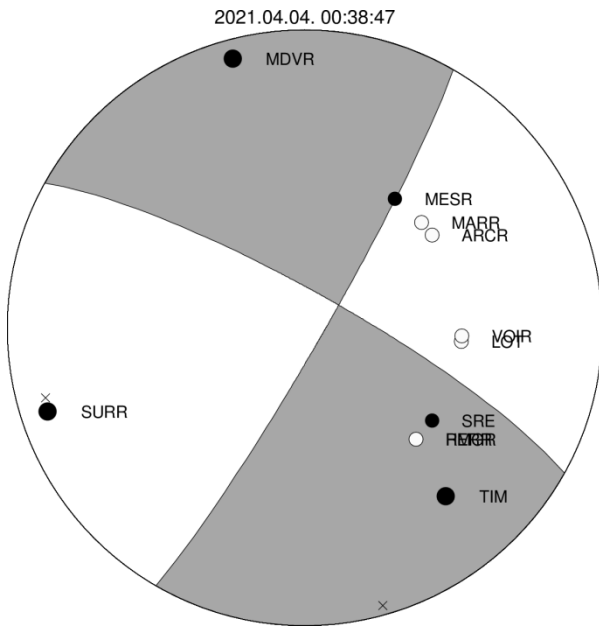
CONA 30.5 310 Pg 13:35:54.07 0.28
 Sg 35:57.98 -0.50
 WINA 40.0 349 Sg 13:36:01.21 -0.08
 ARSA 74.5 221 Sg 13:36:11.09 -0.81
 KRUC 146.3 6 Sn 13:36:29.72 0.15

426.

2021-04-04 time: 0:38:47.54 UTC ML= 2.5
 lat: 45.591N lon: 21.397E h= 10.9 km
 erh= 1.7km erz= 1.3km
 nr= 55 gap= 56 rms=1.10
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| BZS | 17.4 | 81 | Pg | 0:38:51.38 | | | 0.17 |
| | | | Sg | 38:53.12 | | | -0.95 |
| TIM | 21.2 | 320 | PgC | 0:38:52.02 | | | 0.21 |
| | | | Sg | 38:55.70 | | | 0.57 |
| BANR | 30.9 | 221 | Pg | 0:38:53.96 | | | 0.56 |
| | | | Sg | 38:59.17 | | | 1.20 |
| SURR | 59.5 | 72 | PgC | 0:38:58.14 | | | -0.21 |
| | | | Sg | 39:05.80 | | | -0.98 |
| SIRR | 77.9 | 15 | Pg | 0:39:00.07 | | | -1.52 |
| | | | Sg | 39:10.25 | | | -2.30 |
| MDVR | 93.3 | 165 | PgC | 0:39:03.74 | | | -0.59 |
| | | | Sg | 39:15.80 | | | -1.61 |
| AMBH | 99.1 | 328 | P* | 0:39:05.53 | | | 0.19 |
| GZR | 110.1 | 102 | Pn | 0:39:06.60 | | | -0.30 |
| | | | Sn | 39:20.34 | | | -1.67 |
| HERR | 112.4 | 135 | PnC | 0:39:07.75 | | | 0.56 |
| | | | Sn | 39:21.20 | | | -1.32 |
| BEO | 113.1 | 221 | Sn | 0:39:21.35 | | | -1.32 |
| DEV | 121.7 | 75 | Pn | 0:39:07.74 | | | -0.61 |
| | | | Sn | 39:23.38 | | | -1.20 |
| FRGS | 134.3 | 248 | Pn | 0:39:09.47 | | | -0.45 |
| | | | Sn | 39:26.36 | | | -1.01 |
| DJES | 138.6 | 140 | Pn | 0:39:10.84 | | | 0.38 |
| | | | Sn | 39:27.66 | | | -0.68 |
| RMGR | 145.0 | 135 | PnD | 0:39:13.09 | | | 1.83 |
| | | | Sn | 39:30.20 | | | 0.44 |
| DRGR | 167.6 | 37 | Pn | 0:39:14.40 | | | 0.32 |
| | | | Sn | 39:33.86 | | | -0.92 |
| SRE | 175.8 | 126 | PnC | 0:39:17.50 | | | 2.40 |
| | | | Sn | 39:39.40 | | | 2.81 |
| MARR | 179.6 | 48 | PnD | 0:39:16.61 | | | 1.04 |
| | | | Sn | 39:39.10 | | | 1.67 |
| PKS6 | 180.7 | 308 | Pn | 0:39:16.06 | | | 0.35 |
| | | | Sn | 39:37.18 | | | -0.50 |
| LOT | 186.1 | 95 | PnD | 0:39:17.59 | | | 1.21 |
| | | | Sn | 39:40.60 | | | 1.73 |
| PKSN | 187.1 | 321 | Sn | 0:39:42.71 | | | 3.62 |
| PKB3 | 194.1 | 298 | Pn | 0:39:17.77 | | | 0.39 |
| | | | Sn | 39:38.75 | | | -1.90 |
| PKS2 | 196.5 | 301 | Pn | 0:39:18.20 | | | 0.52 |
| | | | Sn | 39:40.11 | | | -1.07 |
| LTVH | 203.1 | 11 | Sn | 0:39:46.76 | | | 4.11 |
| PKB2 | 205.5 | 306 | Pn | 0:39:19.46 | | | 0.65 |
| BSZH | 208.8 | 335 | Pn | 0:39:19.19 | | | -0.03 |
| MESR | 210.5 | 35 | PnC | 0:39:20.68 | | | 1.26 |
| CJR | 210.9 | 54 | Pn | 0:39:22.73 | | | 3.25 |
| MORH | 224.6 | 288 | Pn | 0:39:20.76 | | | -0.43 |
| PKSM | 224.7 | 288 | Pn | 0:39:20.28 | | | -0.92 |
| BLKB | 241.1 | 155 | Sn | 0:39:53.30 | | | 2.21 |
| ARR | 254.3 | 96 | Sn | 0:39:56.40 | | | 2.38 |
| BUD | 278.2 | 319 | Pn | 0:39:26.66 | | | -1.21 |
| ARCR | 281.8 | 54 | PnD | 0:39:29.42 | | | 1.10 |
| | | | Sn | 40:01.60 | | | 1.48 |
| VOIR | 285.9 | 93 | PnD | 0:39:31.23 | | | 2.40 |
| PENC | 293.2 | 327 | Pn | 0:39:31.35 | | | 1.61 |
| PKSG | 305.5 | 311 | Pn | 0:39:30.99 | | | -0.29* |
| | | | Sn | 40:16.16 | | | 10.77* |
| PKST | 318.1 | 306 | Pn | 0:39:32.72 | | | -0.12* |

Hypocenter Parameters



Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|-------------|--------|
| BIOA | 190.1 | 267 | Pn | 18:34:49.51 | 1.33 |
| | | | Sn | 35:10.77 | -0.35 |
| CRES | 224.7 | 194 | Pn | 18:34:53.39 | 0.90 |
| PKB1 | 227.6 | 119 | Pn | 18:34:52.86 | 0.00 |
| MYKA | 230.7 | 236 | Pn | 18:34:52.65 | -0.59 |
| | | | Sn | 35:19.92 | -0.21 |
| KOVH | 239.4 | 142 | Pn | 18:34:53.96 | -0.36 |
| MORC | 243.2 | 25 | Pn | 18:34:55.39 | 0.59 |
| | | | Sn | 35:23.61 | 0.71 |
| MORH | 256.8 | 133 | Pn | 18:34:55.85 | -0.65 |
| LESA | 265.7 | 261 | Pn | 18:34:58.56 | 0.96 |
| | | | Sn | 35:28.41 | 0.52 |
| PKS2 | 272.2 | 122 | Pn | 18:34:58.62 | 0.21 |
| ABTA | 299.9 | 247 | Pn | 18:35:03.58 | 1.71* |
| | | | Sn | 35:36.30 | 0.81* |
| WTTA | 346.3 | 260 | Pn | 18:35:07.52 | -0.13* |
| WATA | 349.3 | 262 | Pn | 18:35:06.80 | -1.22* |
| | | | Sn | 35:47.39 | 0.95* |
| SQTA | 379.0 | 260 | Pn | 18:35:11.94 | 0.21* |
| | | | Sn | 35:53.44 | 0.40* |
| MOTA | 384.3 | 263 | Pn | 18:35:13.49 | 1.10* |
| | | | Sn | 35:54.96 | 0.73* |
| NKC | 384.8 | 315 | eSn | 18:36:05.80 | 11.46* |
| FETA | 419.4 | 258 | Pn | 18:35:18.05 | 1.29* |
| | | | Sn | 36:00.98 | -1.02* |

427.

2021-04-04 time: 18:34:18.76 UTC ML= 2.5
 lat: 47.787N lon: 16.169E h= 10.3 km
 erh= 1.2km erz= 1.0km
 nr= 51 gap= 36 rms=0.76
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 13.6 | 136 | PgD | 18:34:21.95 | | | 0.13 |
| | | | Sg | 34:23.94 | | | -0.26 |
| CONA | 27.8 | 304 | Pg | 18:34:24.20 | | | 0.14 |
| | | | Sg | 34:28.32 | | | 0.12 |
| SOP | 31.4 | 112 | Pg | 18:34:24.83 | | | 0.16 |
| | | | Sg | 34:28.70 | | | -0.57 |
| WINA | 36.3 | 349 | Pg | 18:34:26.33 | | | 0.83 |
| | | | Sg | 34:31.35 | | | 0.59 |
| ARSA | 77.0 | 219 | PgD | 18:34:31.57 | | | -1.06 |
| | | | Sg | 34:40.63 | | | -2.82 |
| EGYH | 96.7 | 115 | Pg | 18:34:36.41 | | | 0.29 |
| | | | Sg | 34:48.50 | | | -1.16 |
| MODS | 105.2 | 52 | P* | 18:34:36.99 | | | -0.56 |
| | | | S* | 34:50.11 | | | -2.09 |
| A339 | 111.5 | 88 | Sn | 18:34:52.53 | | | -1.14 |
| ABNA | 112.4 | 331 | Pn | 18:34:37.69 | | | -0.80 |
| | | | Sn | 34:50.83 | | | -3.04 |
| SMOL | 123.8 | 49 | ePn | 18:34:40.40 | | | 0.50 |
| | | | eSn | 34:56.30 | | | -0.09 |
| MPLH | 124.0 | 124 | Sn | 18:34:56.10 | | | -0.35 |
| MOA | 142.7 | 273 | Pn | 18:34:42.59 | | | 0.33 |
| | | | Sn | 34:59.64 | | | -0.95 |
| KRUC | 142.7 | 7 | PnD | 18:34:42.46 | | | 0.19 |
| | | | Sn | 34:59.72 | | | -0.88 |
| KOGS | 149.0 | 178 | Pn | 18:34:44.09 | | | 1.04 |
| | | | Sn | 35:02.17 | | | 0.17 |
| SOKA | 150.4 | 215 | Pn | 18:34:43.33 | | | 0.11 |
| PERS | 150.8 | 212 | Pn | 18:34:43.42 | | | 0.14 |
| | | | Sn | 35:01.97 | | | -0.43 |
| PKST | 152.3 | 113 | Pn | 18:34:44.25 | | | 0.79 |
| GROS | 155.9 | 199 | Pn | 18:34:43.93 | | | 0.02 |
| | | | Sn | 35:04.67 | | | 1.14 |
| | | | Sn | 18:35:05.31 | | | 0.72 |
| CSKK | 164.3 | 107 | Sn | 18:35:07.18 | | | 1.79 |
| A338 | 165.2 | 81 | Sn | 18:35:08.33 | | | 2.73 |
| PKSG | 172.8 | 105 | Pn | 18:34:45.98 | | | -0.04 |
| OBKA | 187.9 | 221 | Pn | 18:34:48.66 | | | 0.76 |
| | | | Sn | 35:09.09 | | | -1.53 |

428.

2021-04-05 time: 4:02:27.84 UTC ML= 2.1
 lat: 45.565N lon: 16.061E h= 9.7 km
 erh= 3.9km erz= 2.4km
 nr= 19 gap=166 rms=0.90
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ZAG | 29.8 | 350 | Pg | 4:02:33.40 | | | -0.03 |
| | | | Sg | 02:37.87 | | | 0.07 |
| PTJ | 38.1 | 348 | Pg | 4:02:34.49 | | | -0.37 |
| | | | Sg | 02:40.01 | | | -0.32 |
| CRES | 55.3 | 302 | Pg | 4:02:37.60 | | | -0.26 |
| | | | Sg | 02:45.43 | | | -0.25 |
| KOGS | 99.3 | 8 | Pg | 4:02:45.91 | | | 0.26 |
| | | | Sg | 02:58.66 | | | -0.88 |
| GROS | 108.6 | 337 | Pn | 4:02:47.46 | | | 0.29 |
| | | | Sn | 03:01.07 | | | -1.18 |
| BLY | 126.6 | 136 | Sn | 4:03:03.78 | | | -2.46 |
| PERS | 139.6 | 328 | Pn | 4:02:51.73 | | | 0.69 |
| | | | Sn | 03:07.95 | | | -1.19 |
| OBKA | 157.2 | 312 | Pn | 4:02:55.64 | | | 2.41 |
| | | | Sn | 03:15.20 | | | 2.16 |
| KOVH | 168.8 | 70 | Sn | 4:03:15.18 | | | -0.43 |
| PKSV | 174.3 | 78 | Sn | 4:03:16.63 | | | -0.21 |
| PKSM | 212.8 | 70 | Sn | 4:03:27.38 | | | 2.00 |
| MORH | 213.2 | 70 | Sn | 4:03:27.44 | | | 1.98 |

429.

2021-04-06 time: 9:01:18.89 UTC ML= 0.8
 lat: 47.205N lon: 18.287E h= 0.0 km
 erh= 1.0km erz= 2.6km
 nr= 10 gap=145 rms=0.30
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 17.7 | 354 | Pg | 9:01:22.20 | | | 0.14 |
| | | | Sg | 01:24.82 | | | 0.29 |
| PKST | 20.0 | 288 | Pg | 9:01:22.41 | | | -0.06 |
| | | | Sg | 01:25.32 | | | 0.06 |
| PKSG | 22.3 | 21 | Pg | 9:01:22.86 | | | 0.00 |
| | | | Sg | 01:25.87 | | | -0.09 |
| MORH | 113.3 | 166 | Sg | 9:01:54.78 | | | -0.11 |
| PKSM | 113.6 | 166 | Sg | 9:01:55.70 | | | 0.69 |
| KOVH | 124.9 | 187 | Sg | 9:01:58.00 | | | -0.59 |

Földrengés paraméterek

Hypocenter Parameters

VYHS 149.2 16 Sn 9:02:03.61 -0.90

430.

2021-04-06 time: 9:02:04.39 UTC ML= 1.6
 lat: 48.643N lon: 20.683E h= 0.0 km
 erh= 4.7km erz= 7.6km
 nr= 7 gap=215 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 23.0 | 219 | Pg | 9:02:09.06 | | | 0.56 |
| | | | Sg | 02:11.27 | | | -0.43 |
| ABAH | 56.4 | 133 | Pg | 9:02:15.13 | | | 0.67 |
| | | | Sg | 02:22.21 | | | -0.11 |
| PSZ | 99.6 | 216 | Sg | 9:02:35.27 | | | -0.79 |
| KOLS | 121.2 | 75 | Sg | 9:02:42.50 | | | -0.41 |
| TRPA | 148.8 | 113 | Sn | 9:02:47.22 | | | -2.72 |

431.

2021-04-06 time: 12:01:48.08 UTC ML= 1.5
 lat: 47.669N lon: 16.509E h= 0.0 km
 erh= 2.4km erz= 4.3km
 nr= 7 gap=215 rms=0.35
 Locality: Görbehalomtelep
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| SOP | 4.1 | 67 | PgU | 12:01:48.69 | | | -0.11 |
| | | | Sg | 01:49.34 | | | -0.03 |
| RONA | 16.3 | 282 | Pg | 12:01:51.21 | | | 0.22 |
| | | | Sg | 01:53.52 | | | 0.26 |
| CONA | 56.4 | 301 | Sg | 12:02:05.51 | | | -0.50 |
| MODS | 97.1 | 36 | Sg | 12:02:19.31 | | | 0.37 |
| KRUC | 155.1 | 357 | Sn | 12:02:33.62 | | | -1.41 |

432.

2021-04-06 time: 12:19:43.35 UTC ML= 1.8
 lat: 47.579N lon: 16.345E h= 0.0 km
 erh= 1.3km erz= 1.9km
 nr= 20 gap= 67 rms=0.57
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 13.9 | 345 | PgU | 12:19:45.86 | | | 0.03 |
| | | | Sg | 19:47.71 | | | -0.06 |
| SOP | 19.8 | 54 | PgU | 12:19:46.71 | | | -0.17 |
| | | | Sg | 19:49.52 | | | -0.12 |
| CONA | 53.1 | 317 | Pg | 12:19:53.09 | | | 0.25 |
| | | | Sg | 19:59.73 | | | -0.51 |
| WINA | 62.2 | 341 | Pg | 12:19:54.60 | | | 0.15 |
| | | | Sg | 20:03.74 | | | 0.63 |
| ARSA | 72.0 | 240 | Sg | 12:20:05.09 | | | -1.14 |
| MPLH | 101.0 | 117 | Sg | 12:20:15.19 | | | -0.27 |
| MODS | 112.5 | 38 | Pg | 12:20:03.95 | | | 0.51 |
| | | | Sg | 20:18.56 | | | -0.54 |
| KOGS | 125.9 | 183 | Pg | 12:20:06.77 | | | 0.93 |
| | | | Sg | 20:22.49 | | | -0.88 |
| PKST | 132.3 | 106 | Sn | 12:20:24.53 | | | -0.71 |
| ABNA | 139.1 | 331 | Pn | 12:20:07.56 | | | -0.16 |
| | | | Sn | 20:24.77 | | | -1.96 |
| GROS | 139.9 | 207 | Sn | 12:20:26.41 | | | -0.50 |
| MOA | 158.9 | 281 | Pn | 12:20:11.38 | | | 1.19 |
| | | | Sn | 20:31.44 | | | 0.31 |

433.

2021-04-06 time: 13:02:48.76 UTC ML= 0.9
 lat: 45.912N lon: 18.564E h= 0.0 km
 erh= 7.3km erz= 959km
 nr= 7 gap=253 rms=0.87
 Locality: Töttös
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 24.4 | 264 | Sg | 13:02:55.32 | | | -1.18 |
| PKSM | 33.8 | 10 | Pg | 13:02:55.72 | | | 0.92 |
| | | | Sg | 02:58.33 | | | -1.18 |
| MORH | 34.3 | 10 | Pg | 13:02:55.53 | | | 0.65 |
| | | | Sg | 02:58.33 | | | -1.33 |
| KOVH | 40.9 | 299 | Pg | 13:02:56.50 | | | 0.43 |
| | | | Sg | 03:01.30 | | | -0.47 |

434.

2021-04-07 time: 6:29:37.68 UTC ML= 1.3
 lat: 47.932N lon: 16.058E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 10 gap=134 rms=0.82
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CONA | 14.7 | 268 | Pg | 6:29:40.48 | | | 0.19 |
| | | | Sg | 29:42.74 | | | 0.41 |
| WINA | 19.5 | 3 | Pg | 6:29:42.17 | | | 1.01 |
| | | | Sg | 29:45.26 | | | 1.38 |
| RONA | 31.4 | 145 | Pg | 6:29:43.33 | | | 0.04 |
| | | | Sg | 29:47.80 | | | 0.14 |
| ABNA | 94.3 | 331 | Pg | 6:29:54.06 | | | -0.45 |
| | | | Sg | 30:06.23 | | | -1.42 |
| KRUC | 128.1 | 11 | Pg | 6:30:00.26 | | | -0.29 |
| | | | Sg | 30:15.73 | | | -2.66 |

435.

2021-04-07 time: 6:37:25.97 UTC ML= 1.5
 lat: 47.416N lon: 18.368E h= 0.0 km
 erh= 1.0km erz= 3.9km
 nr= 7 gap= 89 rms=0.42
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 3.2 | 147 | Pg | 6:37:26.65 | | | 0.11 |
| | | | Sg | 37:27.10 | | | 0.12 |
| CSKK | 10.0 | 234 | Pg | 6:37:27.65 | | | -0.11 |
| | | | Sg | 37:29.31 | | | 0.16 |
| A337 | 101.8 | 335 | Sg | 6:37:58.78 | | | 0.45 |
| PSZ | 127.5 | 64 | Sg | 6:38:06.11 | | | -0.40 |
| SOP | 139.4 | 282 | Sn | 6:38:06.92 | | | -2.52 |

436.

2021-04-07 time: 8:27:42.05 UTC ML= 1.5
 lat: 47.360N lon: 18.365E h= 0.0 km
 erh= 1.6km erz= 145km
 nr= 5 gap=217 rms=0.07
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 4.0 | 29 | PgU | 8:27:42.76 | | | -0.01 |
| | | | Sg | 27:43.36 | | | 0.03 |
| CSKK | 7.9 | 272 | Pg | 8:27:43.54 | | | 0.08 |
| | | | Sg | 27:44.41 | | | -0.14 |
| PKST | 27.4 | 246 | Sg | 8:27:50.71 | | | -0.05 |

Hypocenter Parameters

Földrengés paraméterek

437.

 2021-04-07 time: 9:52:45.05 UTC ML= 1.6
 lat: 47.854N lon: 19.101E h= 0.0 km
 erh= 1.4km erz= 526km
 nr= 9 gap=114 rms=0.40
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 15.3 | 118 | Pg | 9:52:47.76 | -0.02 |
| | | | Sg | 52:49.97 | 0.06 |
| BUD | 41.6 | 188 | Sg | 9:52:58.30 | 0.01 |
| | | | Pg | 9:52:56.29 | 0.57 |
| PSZ | 59.8 | 83 | Pg | 9:52:56.29 | 0.57 |
| | | | Sg | 53:03.02 | -1.03 |
| VYHS | 73.8 | 345 | Pg | 9:52:58.44 | 0.21 |
| | | | Sg | 53:08.04 | -0.47 |
| PKSG | 74.2 | 226 | Sg | 9:53:08.14 | -0.48 |
| PKST | 104.1 | 230 | Sg | 9:53:18.18 | 0.05 |

438.

 2021-04-07 time: 15:12:38.38 UTC ML= 2.6
 lat: 45.519N lon: 16.022E h= 7.8 km
 erh= 1.6km erz= 1.3km
 nr= 47 gap=135 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 34.6 | 356 | Pg | 15:12:45.16 | 0.45 |
| | | | Sg | 12:50.14 | 0.49 |
| PTJ | 42.7 | 353 | Pg | 15:12:46.07 | -0.06 |
| | | | Sg | 12:51.71 | -0.47 |
| GCIS | 49.5 | 322 | iPg | 15:12:47.61 | 0.28 |
| | | | iSg | 12:54.70 | 0.40 |
| CRES | 55.8 | 308 | Pg | 15:12:48.56 | 0.12 |
| | | | Sg | 12:56.08 | -0.20 |
| BOJS | 60.2 | 268 | ePg | 15:12:49.48 | 0.25 |
| | | | iSg | 12:56.82 | -0.87 |
| GOLS | 62.9 | 331 | iPg | 15:12:50.21 | 0.51 |
| | | | iSg | 12:58.67 | 0.15 |
| GBRS | 94.7 | 271 | iPg | 15:12:55.45 | 0.09 |
| | | | iSg | 13:07.99 | -0.61 |
| VISS | 97.5 | 289 | iPg | 15:12:55.95 | 0.10 |
| | | | iSg | 13:08.46 | -1.01 |
| KOGS | 104.8 | 10 | Pg | 15:12:56.69 | -0.46 |
| | | | Sg | 13:10.47 | -1.33 |
| GROS | 112.2 | 339 | Pn | 15:12:58.27 | -0.14 |
| | | | Sn | 13:11.50 | -2.54 |
| BEHE | 120.8 | 29 | Pn | 15:12:58.54 | -0.94 |
| | | | Sn | 13:15.26 | -0.68 |
| BLY | 125.2 | 133 | Pn | 15:12:59.30 | -0.73 |
| | | | Sn | 13:13.63 | -3.28* |
| PERS | 142.6 | 331 | Pn | 15:13:02.31 | 0.11 |
| | | | Sn | 13:20.48 | -0.29 |
| SOKA | 149.9 | 329 | Pn | 15:13:04.10 | 0.99 |
| | | | Sn | 13:23.03 | 0.64 |
| OBKA | 158.6 | 314 | Pn | 15:13:05.30 | 1.11 |
| | | | Sn | 13:25.37 | 1.05 |
| PKSV | 178.5 | 77 | Pn | 15:13:07.65 | 0.98 |
| | | | Sn | 13:28.47 | -0.26 |
| ARSA | 196.3 | 349 | Sn | 15:13:34.97 | 2.27 |
| PKSM | 217.5 | 69 | Sn | 15:13:39.34 | 1.94 |
| MORH | 217.8 | 69 | Sn | 15:13:39.04 | 1.57 |
| MYKA | 221.8 | 304 | Pn | 15:13:13.29 | 1.22 |
| | | | Sn | 13:38.08 | -0.26 |
| RONA | 243.4 | 5 | Pn | 15:13:15.46 | 0.70 |
| | | | Sn | 13:41.29 | -1.85 |
| CONA | 268.2 | 357 | Pn | 15:13:18.30 | 0.44 |
| | | | Sn | 13:46.60 | -2.04 |
| KBA | 269.5 | 310 | Pn | 15:13:18.55 | 0.53 |
| | | | Sn | 13:46.75 | -2.19 |
| WINA | 287.8 | 1 | Pn | 15:13:20.75 | 0.44 |
| | | | Sn | 13:50.65 | -2.35* |

| | | | | | |
|------|-------|-----|----|-------------|--------|
| MOA | 291.9 | 333 | Pn | 15:13:21.81 | 1.00 |
| | | | Sn | 13:52.28 | -1.63* |
| ABTA | 303.7 | 297 | Pn | 15:13:22.77 | 0.48* |
| | | | Sn | 13:56.73 | 0.20* |
| LESA | 333.0 | 310 | Pn | 15:13:26.87 | 0.93* |
| | | | Sn | 14:02.47 | -0.57* |

439.

 2021-04-07 time: 15:58:12.96 UTC ML= 1.2
 lat: 47.754N lon: 16.150E h= 12.8 km
 erh= 2.5km erz= 2.0km
 nr= 15 gap=102 rms=0.80
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.5 | 119 | PgD | 15:58:16.51 | 0.36 |
| | | | Sg | 58:18.43 | -0.21 |
| CONA | 29.1 | 312 | Pg | 15:58:19.38 | 0.75 |
| | | | Sg | 58:22.87 | -0.18 |
| SOP | 31.6 | 104 | Pg | 15:58:19.43 | 0.38 |
| | | | Sg | 58:23.04 | -0.75 |
| WINA | 39.8 | 352 | Pg | 15:58:20.56 | 0.14 |
| | | | Sg | 58:24.65 | -1.59 |
| ARSA | 73.2 | 220 | Pg | 15:58:26.41 | 0.18 |
| | | | Sg | 58:34.99 | -1.59 |
| MODS | 108.7 | 51 | Sn | 15:58:45.89 | -0.79 |
| MOA | 141.6 | 274 | Pn | 15:58:36.94 | 0.94 |
| | | | Sn | 58:51.88 | -2.10 |
| KRUC | 146.6 | 7 | Pn | 15:58:37.61 | 0.98 |
| | | | Sn | 58:54.38 | -0.72 |

440.

 2021-04-07 time: 18:01:56.55 UTC ML= 1.0
 lat: 47.748N lon: 16.170E h= 13.4 km
 erh= 1.9km erz= 1.5km
 nr= 14 gap=102 rms=0.60
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 10.9 | 119 | Pg | 18:02:00.05 | 0.42 |
| | | | Sg | 02:01.92 | -0.10 |
| SOP | 30.0 | 104 | Pg | 18:02:02.78 | 0.36 |
| | | | Sg | 02:06.67 | -0.32 |
| CONA | 30.6 | 311 | Pg | 18:02:02.96 | 0.45 |
| | | | Sg | 02:06.49 | -0.68 |
| WINA | 40.7 | 350 | Pg | 18:02:04.53 | 0.34 |
| | | | Sg | 02:09.26 | -0.89 |
| ARSA | 73.7 | 221 | Pg | 18:02:09.96 | 0.04 |
| | | | Sg | 02:18.90 | -1.45 |
| EGYH | 94.8 | 113 | S* | 18:02:25.58 | -1.09 |
| MODS | 108.0 | 50 | Sn | 18:02:29.39 | -0.61 |
| MOA | 143.1 | 275 | Pn | 18:02:20.62 | 0.90 |
| | | | Sn | 02:38.37 | 0.58 |

441.

 2021-04-08 time: 6:18:20.23 UTC ML= 1.1
 lat: 47.305N lon: 18.296E h= 0.0 km
 erh= 2.1km erz= 371km
 nr= 6 gap=219 rms=0.24
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 7.0 | 338 | Pg | 6:18:21.73 | 0.25 |
| | | | Sg | 18:22.63 | 0.17 |
| PKSG | 12.0 | 36 | Pg | 6:18:22.23 | -0.15 |
| | | | Sg | 18:23.74 | -0.31 |
| PKST | 20.4 | 256 | Pg | 6:18:24.04 | 0.16 |
| | | | Sg | 18:26.30 | -0.43 |

Földrengés paraméterek

Hypocenter Parameters

442.

2021-04-08 time: 6:45:08.26 UTC ML= 1.3
 lat: 48.105N lon: 20.710E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 6 gap=189 rms=0.62
 Locality: Miskolc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 44.7 | 62 | Pg | 6:45:16.07 | -0.18 |
| | | | Sg | 45:22.40 | -0.08 |
| KECS | 45.2 | 338 | Pg | 6:45:16.37 | 0.04 |
| | | | Sg | 45:22.15 | -0.47 |
| PSZ | 64.3 | 251 | Pg | 6:45:20.74 | 0.99 |
| | | | Sg | 45:27.47 | -1.23 |

443.

2021-04-08 time: 9:14:40.51 UTC ML= 0.9
 lat: 47.201N lon: 18.290E h= 0.0 km
 erh= 1.7km erz= 3.9km
 nr= 8 gap=167 rms=0.40
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.1 | 353 | Pg | 9:14:43.45 | -0.29 |
| | | | Sg | 14:45.96 | -0.30 |
| PKST | 20.4 | 288 | Pg | 9:14:44.40 | 0.25 |
| | | | Sg | 14:46.96 | -0.02 |
| PKSG | 22.5 | 20 | Pg | 9:14:44.90 | 0.38 |
| | | | Sg | 14:48.17 | 0.51 |
| KOVH | 124.6 | 187 | Sg | 9:15:19.61 | -0.50 |
| VYHS | 149.4 | 16 | Sn | 9:15:24.94 | -1.25 |

444.

2021-04-08 time: 9:31:37.07 UTC ML= 1.5
 lat: 48.587N lon: 20.736E h= 0.0 km
 erh= 1.5km erz= 3.5km
 nr= 12 gap= 90 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.8 | 238 | Pg | 9:31:40.96 | 0.00 |
| | | | Sg | 31:44.12 | 0.13 |
| ABAH | 49.4 | 131 | Pg | 9:31:45.78 | -0.10 |
| | | | Sg | 31:52.51 | -0.25 |
| PSZ | 97.1 | 220 | Pg | 9:31:54.51 | 0.10 |
| | | | Sg | 32:07.87 | -0.07 |
| NIE | 97.6 | 342 | Pg | 9:31:54.97 | 0.48 |
| | | | Sg | 32:07.32 | -0.76 |
| KOLS | 119.4 | 71 | Pg | 9:31:59.13 | 0.73 |
| | | | Sg | 32:13.89 | -1.14 |
| VYHS | 140.7 | 266 | Pn | 9:32:01.64 | 0.00 |
| | | | Sn | 32:19.27 | -1.54 |

445.

2021-04-08 time: 9:38:56.76 UTC ML= 2.2
 lat: 47.000N lon: 22.247E h= 0.0 km
 erh= 2.7km erz= 2.9km
 nr= 14 gap=161 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 42.3 | 123 | PgU | 9:39:04.31 | 0.00 |
| | | | Sg | 39:09.23 | -0.97 |
| SIRR | 93.0 | 209 | Pg | 9:39:13.75 | 0.39 |
| | | | Sg | 39:26.10 | -0.21 |
| CJR | 107.9 | 107 | Pg | 9:39:16.76 | 0.74 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 39:29.82 | -1.23 |
| BMR | 120.6 | 52 | Pg | 9:39:18.67 | 0.38 |
| TRPA | 127.6 | 10 | Pg | 9:39:19.00 | -0.55 |
| DEV | 134.0 | 158 | Pn | 9:39:20.85 | 0.36 |
| | | | Sn | 39:38.05 | -0.96 |
| BZS | 161.2 | 198 | Pn | 9:39:23.49 | -0.40 |
| | | | Sn | 39:44.19 | -0.86 |
| GZR | 183.2 | 167 | Pn | 9:39:28.57 | 1.94 |
| | | | Sn | 39:50.63 | 0.70 |

446.

2021-04-08 time: 10:16:56.04 UTC ML= 1.6
 lat: 48.585N lon: 20.877E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 11 gap= 93 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 31.0 | 249 | Pg | 10:17:01.73 | 0.15 |
| | | | Sg | 17:05.17 | -0.73 |
| ABAH | 41.9 | 140 | Pg | 10:17:03.28 | -0.24 |
| | | | Sg | 17:09.58 | 0.24 |
| NIE | 101.5 | 336 | Pg | 10:17:14.77 | 0.60 |
| | | | Sg | 17:26.75 | -1.56 |
| PSZ | 104.0 | 225 | Pg | 10:17:15.33 | 0.72 |
| | | | Sg | 17:28.48 | -0.62 |
| KOLS | 109.7 | 69 | Sg | 10:17:29.85 | -1.07 |
| VYHS | 151.0 | 266 | Pn | 10:17:22.58 | 0.67 |
| | | | Sn | 17:41.49 | -0.59 |

447.

2021-04-09 time: 1:51:42.96 UTC ML= 2.1
 lat: 47.779N lon: 16.187E h= 10.6 km
 erh= 1.4km erz= 1.0km
 nr= 54 gap= 40 rms=0.86
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 12.1 | 137 | PgD | 1:51:46.02 | 0.19 |
| | | | Sg | 51:47.96 | -0.11 |
| CONA | 29.4 | 304 | PgU | 1:51:48.38 | -0.17 |
| | | | Sg | 51:52.22 | -0.68 |
| SOP | 29.8 | 111 | PgU | 1:51:48.84 | 0.23 |
| | | | Sg | 51:52.50 | -0.53 |
| WINA | 37.4 | 347 | Pg | 1:51:50.46 | 0.55 |
| | | | Sg | 51:55.61 | 0.29 |
| ARSA | 77.2 | 220 | Pg | 1:51:56.06 | -0.81 |
| | | | Sg | 52:04.84 | -2.89 |
| EGYH | 95.1 | 115 | Pg | 1:52:00.45 | 0.41 |
| | | | Sg | 52:12.09 | -1.27 |
| MODS | 104.7 | 51 | P* | 1:52:01.34 | -0.31 |
| | | | S* | 52:15.08 | -1.14 |
| A339 | 110.2 | 87 | Sn | 1:52:16.85 | -0.67 |
| ABNA | 113.8 | 331 | Pn | 1:52:01.98 | -0.85 |
| | | | Sn | 52:15.50 | -2.83 |
| MPLH | 122.4 | 124 | Pn | 1:52:03.71 | -0.19 |
| | | | Sn | 52:19.52 | -0.72 |
| SMOL | 123.3 | 49 | ePn | 1:52:05.00 | 0.98 |
| | | | eSn | 52:20.30 | -0.14 |
| KRUC | 143.4 | 6 | Pn | 1:52:06.57 | 0.05 |
| | | | Sn | 52:23.82 | -1.08 |
| MOA | 144.1 | 273 | Pn | 1:52:07.25 | 0.64 |
| | | | Sn | 52:24.88 | -0.17 |
| KOGS | 148.1 | 178 | Pn | 1:52:08.03 | 0.92 |
| | | | Sn | 52:26.26 | 0.32 |
| SOKA | 150.5 | 216 | Sn | 1:52:23.90 | -2.57 |
| PKST | 150.7 | 113 | Pn | 1:52:07.26 | -0.17 |
| | | | Sn | 52:26.02 | -0.50 |
| PERS | 150.8 | 213 | Pn | 1:52:07.68 | 0.24 |
| | | | Sn | 52:25.79 | -0.75 |
| GROS | 155.5 | 200 | Pn | 1:52:08.67 | 0.64 |

Hypocenter Parameters

Földrengés paraméterek

| Station | Distance (km) | Azimuth | Phase | Time (hr:mn:sec) | Residual (sec) |
|---------|---------------|---------|-------|------------------|----------------|
| CSKK | 162.7 | 107 | Sn | 52:26.52 | -1.07 |
| PKSG | 171.3 | 105 | Sn | 1:52:31.88 | 2.69 |
| TREC | 176.3 | 343 | ePn | 1:52:11.80 | 1.18 |
| OBKA | 188.1 | 221 | Pn | 1:52:12.73 | 0.63 |
| BIOA | 191.4 | 267 | Sn | 52:35.21 | 0.39 |
| | | | Pn | 1:52:13.86 | 1.35 |
| | | | Sn | 52:36.52 | 0.96 |
| VYHS | 212.6 | 68 | Pn | 1:52:14.43 | -0.72 |
| | | | Sn | 52:41.48 | 1.22 |
| ZVC | 236.0 | 321 | ePn | 1:52:20.30 | 2.24 |
| | | | eSn | 52:45.50 | 0.05 |
| KOVH | 237.8 | 142 | Pn | 1:52:18.38 | 0.08 |
| MORC | 243.4 | 24 | Sn | 1:52:47.56 | 0.46 |
| KHC | 244.6 | 308 | eSn | 1:52:47.40 | 0.04 |
| MORH | 255.3 | 133 | Pn | 1:52:20.33 | -0.14 |
| PKSM | 255.4 | 133 | Pn | 1:52:20.28 | -0.21 |
| KRLC | 259.0 | 10 | Pn | 1:52:21.67 | 0.73 |
| PKSV | 262.7 | 143 | Pn | 1:52:21.26 | -0.14 |
| LESA | 266.9 | 261 | Pn | 1:52:25.25 | 3.33 |
| | | | Sn | 52:53.48 | 1.17 |

448.

2021-04-09 time: 6:49:48.06 UTC ML= 1.6
 lat: 47.338N lon: 18.454E h= 0.0 km
 erh= 0.9km erz= 302km
 nr= 8 gap=114 rms=0.22
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.7 | 321 | PgU | 6:49:49.39 | -0.04 |
| | | | Sg | 49:50.01 | -0.49 |
| CSKK | 14.9 | 281 | Pg | 6:49:50.94 | 0.22 |
| | | | Sg | 49:53.03 | 0.23 |
| PKST | 32.9 | 255 | Sg | 6:49:58.25 | -0.28 |
| MORH | 125.6 | 173 | Sg | 6:50:27.87 | -0.11 |
| PKSM | 126.0 | 173 | Sg | 6:50:28.17 | 0.05 |
| PSZ | 126.0 | 59 | Sg | 6:50:28.27 | 0.15 |

449.

2021-04-09 time: 8:10:50.42 UTC ML= 1.9
 lat: 48.247N lon: 21.227E h= 0.0 km
 erh= 1.9km erz= 1.6km
 nr= 5 gap=240 rms=0.14
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 5.5 | 10 | Pg | 8:10:51.30 | -0.10 |
| | | | Sg | 10:52.28 | 0.11 |
| KECS | 60.9 | 296 | Sg | 8:11:09.58 | -0.19 |
| PSZ | 105.8 | 250 | Sg | 8:11:24.24 | 0.19 |
| NIE | 146.6 | 333 | Sn | 8:11:35.58 | 0.12 |

450.

2021-04-09 time: 10:11:52.41 UTC ML= 1.5
 lat: 48.469N lon: 19.574E h= 0.0 km
 erh= 3.3km erz= 934km
 nr= 6 gap=132 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 54.6 | 273 | Pg | 10:12:02.75 | 0.58 |
| | | | Sg | 12:09.13 | -0.65 |
| PSZ | 65.7 | 159 | Pg | 10:12:04.28 | 0.14 |
| | | | Sg | 12:13.11 | -0.19 |
| NIE | 118.7 | 27 | Pg | 10:12:12.89 | -0.71 |
| | | | Sg | 12:30.87 | 0.74 |

451.

2021-04-09 time: 12:37:00.42 UTC ML= 1.3
 lat: 47.878N lon: 16.048E h= 0.0 km
 erh= 1.1km erz= 1.9km
 nr= 7 gap=126 rms=0.73
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.0 | 292 | Pg | 12:37:03.81 | 0.71 |
| | | | Sg | 37:05.72 | 0.54 |
| RONA | 27.2 | 137 | Pg | 12:37:05.57 | 0.29 |
| | | | Sg | 37:09.69 | 0.62 |
| ARSA | 80.2 | 209 | Sg | 12:37:25.08 | -0.82 |
| KRUC | 134.1 | 11 | Pn | 12:37:23.64 | -0.54 |
| | | | Sn | 37:41.02 | -1.69 |

452.

2021-04-10 time: 1:29:09.69 UTC ML= 1.1
 lat: 45.936N lon: 17.367E h= 21.0 km
 erh= 6.7km erz= 4.0km
 nr= 11 gap=209 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 59.3 | 73 | Pg | 1:29:21.33 | 0.74 |
| | | | Sg | 29:29.77 | 0.68 |
| PKSV | 68.9 | 94 | Pg | 1:29:22.54 | 0.48 |
| | | | Sg | 29:29.97 | -1.73 |
| BEHE | 74.9 | 322 | Sg | 1:29:32.47 | -0.86 |
| PKSM | 103.3 | 73 | Pn | 1:29:26.71 | -0.25 |
| | | | Sn | 29:39.49 | -0.94 |
| KOGS | 103.3 | 303 | Sn | 1:29:40.75 | 0.32 |
| MORH | 103.6 | 73 | Pn | 1:29:26.86 | -0.14 |
| | | | Sn | 29:39.81 | -0.70 |
| PKB4 | 114.0 | 57 | Sn | 1:29:43.85 | 1.04 |

453.

2021-04-10 time: 5:18:28.00 UTC ML= 1.2
 lat: 47.741N lon: 16.125E h= 13.8 km
 erh= 1.9km erz= 1.5km
 nr= 12 gap=110 rms=0.48
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 13.6 | 110 | Pg | 5:18:31.58 | 0.11 |
| | | | Sg | 18:33.59 | -0.59 |
| CONA | 28.7 | 317 | Pg | 5:18:34.19 | 0.51 |
| | | | Sg | 18:37.75 | -0.37 |
| WINA | 40.9 | 355 | Pg | 5:18:36.04 | 0.33 |
| | | | Sg | 18:41.14 | -0.58 |
| ARSA | 71.0 | 220 | Pg | 5:18:40.75 | -0.16 |
| | | | Sg | 18:50.76 | -0.22 |
| ABNA | 115.4 | 334 | Pn | 5:18:47.74 | 0.09 |
| | | | Sn | 19:01.17 | -1.82 |
| KRUC | 148.2 | 8 | Pn | 5:18:52.52 | 0.78 |
| | | | Sn | 19:09.64 | -0.62 |

454.

2021-04-10 time: 23:26:47.34 UTC ML= 0.9
 lat: 45.820N lon: 18.397E h= 6.8 km
 erh= 3.3km erz= 6.1km
 nr= 9 gap=281 rms=0.33
 Locality: Kistapolca
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 13.6 | 304 | Pg | 23:26:49.87 | -0.19 |

Földrengés paraméterek

Hypocenter Parameters

KOVH 37.7 322 Sg 26:52.40 0.23
 Pg 23:26:54.08 -0.10
 Sg 26:59.51 -0.01
 PKSM 47.5 24 Pg 23:26:55.81 -0.10
 Sg 27:02.59 -0.01
 MORH 48.0 24 Pg 23:26:55.83 -0.17
 Sg 27:02.54 -0.21
 PKB4 76.9 12 Pg 23:27:02.13 1.01

WINA 37.1 347 Pg 6:55:52.28 0.57
 Sg 55:57.54 0.45
 ARSA 77.1 220 PgD 6:55:57.45 -1.25
 Sg 56:06.30 -3.24
 EGYH 95.6 115 PgU 6:56:02.33 0.35
 Sg 56:14.03 -1.34
 MODS 104.9 51 P* 6:56:03.17 -0.34
 S* 56:16.28 -1.82
 ABNA 113.4 331 Pn 6:56:03.66 -0.94
 Sn 56:16.93 -3.12

455.

2021-04-11 time: 4:14:29.11 UTC ML= 1.2
 lat: 45.722N lon: 21.807E h= 10.2 km
 erh= 2.5km erz= 2.2km
 nr= 14 gap=118 rms=0.81
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BZS | 18.9 | 232 | Pg | 4:14:33.22 | | | 0.28 |
| | | | Sg | 14:35.83 | | | -0.10 |
| SURR | 25.0 | 82 | PgD | 4:14:34.46 | | | 0.53 |
| | | | Sg | 14:37.60 | | | -0.09 |
| SIRR | 61.7 | 349 | Pg | 4:14:40.37 | | | 0.09 |
| | | | Sg | 14:47.15 | | | -1.85 |
| GZR | 84.1 | 116 | Sg | 4:14:54.46 | | | -1.57 |
| MDVR | 104.8 | 184 | S* | 4:15:01.90 | | | -0.55 |
| HERR | 104.9 | 153 | P*C | 4:14:48.73 | | | 0.86 |
| | | | S* | 15:01.40 | | | -1.10 |
| DRGR | 137.9 | 30 | Pn | 4:14:52.75 | | | 0.72 |
| | | | Sn | 15:09.54 | | | -0.37 |
| MARR | 146.7 | 44 | PnC | 4:14:54.47 | | | 1.34 |
| | | | Sn | 15:11.10 | | | -0.76 |

456.

2021-04-11 time: 5:04:09.92 UTC ML= 1.5
 lat: 45.736N lon: 21.815E h= 10.9 km
 erh= 2.5km erz= 2.2km
 nr= 14 gap=119 rms=0.77
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BZS | 20.4 | 229 | Pg | 5:04:14.09 | | | 0.04 |
| | | | Sg | 04:16.75 | | | -0.52 |
| SURR | 24.2 | 85 | PgC | 5:04:15.27 | | | 0.61 |
| | | | Sg | 04:18.50 | | | 0.15 |
| SIRR | 60.3 | 348 | Pg | 5:04:21.32 | | | 0.46 |
| | | | Sg | 04:27.82 | | | -1.57 |
| GZR | 84.2 | 117 | Pg | 5:04:25.09 | | | 0.01 |
| | | | Sg | 04:35.07 | | | -1.83 |
| HERR | 106.1 | 154 | P*C | 5:04:28.85 | | | 0.06 |
| | | | S* | 04:42.60 | | | -0.90 |
| DRGR | 136.1 | 30 | Pn | 5:04:33.37 | | | 0.83 |
| | | | Sn | 04:49.99 | | | -0.19 |
| MARR | 145.0 | 44 | PnC | 5:04:35.07 | | | 1.42 |
| | | | Sn | 04:51.00 | | | -1.15 |

457.

2021-04-11 time: 6:55:44.80 UTC ML= 2.6
 lat: 47.781N lon: 16.181E h= 10.8 km
 erh= 1.2km erz= 0.9km
 nr= 54 gap= 31 rms=0.73
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| RONA | 12.5 | 136 | PgU | 6:55:47.96 | | | 0.20 |
| | | | Sg | 55:49.97 | | | -0.09 |
| CONA | 29.0 | 304 | PgU | 6:55:50.09 | | | -0.23 |
| | | | Sg | 55:54.05 | | | -0.57 |
| SOP | 30.3 | 111 | PgU | 6:55:50.83 | | | 0.28 |
| | | | Sg | 55:54.84 | | | -0.19 |

MPLH 122.9 124

Sn 56:20.94 -1.21
 Pn 6:56:05.77 -0.02
 SMOL 123.5 49 ePn 6:56:07.10 1.24
 eSn 56:22.20 -0.09

KRUC 143.3 6 PnD 6:56:08.49 0.16
 Sn 56:25.47 -1.20

MOA 143.6 273 Pn 6:56:08.81 0.44
 Sn 56:26.37 -0.38

KOGS 148.3 178 Pn 6:56:09.30 0.35
 SOKA 150.4 215 Pn 6:56:09.15 -0.06

Sn 56:26.53 -1.72
 PERS 150.7 212 Pn 6:56:09.45 0.19
 Sn 56:27.53 -0.80

PKST 151.2 113 Pn 6:56:09.35 0.04
 Sn 56:29.07 0.64

BEHE 152.6 163 Sn 6:56:29.08 0.34
 GROS 155.6 199 Pn 6:56:10.14 0.28

Sn 56:29.85 0.45
 CSKK 163.2 107 Sn 6:56:32.02 0.92

A338 164.4 81 Sn 6:56:32.47 1.10
 PKSG 171.8 105 Pn 6:56:11.85 -0.03

OBKA 188.0 221 Pn 6:56:15.02 1.12
 Sn 56:37.29 0.70

BIOA 191.0 267 Pn 6:56:16.28 2.00
 Sn 56:38.17 0.91

PKS9 207.2 130 Pn 6:56:16.89 0.60
 PKB1 226.5 119 Pn 6:56:18.65 -0.06

MYKA 231.1 236 Sn 6:56:46.03 -0.14
 PKB5 234.3 124 Pn 6:56:19.71 0.04

KOVH 238.3 142 Pn 6:56:20.29 0.12
 MORC 243.4 24 Pn 6:56:21.52 0.70

Sn 56:49.89 0.99
 MORH 255.7 133 Pn 6:56:22.07 -0.28

PKSM 255.9 133 Pn 6:56:22.03 -0.34
 PKSV 263.1 143 Pn 6:56:23.31 0.04

LESA 266.5 261 Pn 6:56:25.49 1.80
 Sn 56:55.14 1.12

PKB3 274.1 123 Pn 6:56:24.64 0.00
 ABTA 300.5 248 Sn 6:57:01.57 0.00*

WTTA 347.1 260 Pn 6:56:35.84 2.10*
 Sn 57:12.31 0.40*

WATA 350.1 262 Pn 6:56:35.86 1.75*
 Sn 57:12.80 0.22*

SQTA 379.8 261 Pn 6:56:38.47 0.65*
 Sn 57:19.64 0.47*

RETA 408.5 265 Pn 6:56:42.28 0.88*
 Sn 57:26.05 0.50*

FETA 420.1 258 Pn 6:56:43.14 0.29*
 Sn 57:28.87 0.75*

458.

2021-04-11 time: 15:58:06.82 UTC ML= 1.5
 lat: 46.705N lon: 22.182E h= 10.4 km
 erh= 3.3km erz= 3.6km
 nr= 14 gap=105 rms=0.88
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| DRGR | 41.6 | 77 | Pg | 15:58:14.94 | | | 0.47 |
| | | | Sg | 58:20.23 | | | -0.21 |
| BORR | 52.4 | 325 | Sg | 15:58:23.90 | | | 0.09 |
| SIRR | 63.0 | 220 | Pg | 15:58:18.72 | | | 0.49 |
| | | | Sg | 58:25.95 | | | -1.18 |

Hypocenter Parameters

MARR 71.7 93 PgC 15:58:19.94 0.18
 Sg 58:28.90 -0.96
 MESR 76.6 50 Sg 15:58:30.10 -1.28
 SURR 105.8 182 P*D 15:58:25.69 0.00
 S* 58:38.70 -1.71
 BZS 128.6 200 Pn 15:58:28.80 0.23
 Sn 58:44.56 -0.97
 GZR 152.8 162 Pn 15:58:33.52 1.93
 Sn 58:52.16 1.25

459.

2021-04-12 time: 6:12:39.94 UTC ML= 0.9
 lat: 45.889N lon: 18.383E h= 0.0 km
 erh= 0.9km erz= 157km
 nr= 8 gap=240 rms=0.11
 Locality: Palkonya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSV | 10.1 | 270 | Pg | 6:12:41.76 | | | 0.00 |
| | | | Sg | 12:42.86 | | | -0.31 |
| KOVH | 31.2 | 315 | Pg | 6:12:45.67 | | | 0.16 |
| | | | Sg | 12:49.91 | | | 0.06 |
| PKSM | 41.1 | 29 | PgU | 6:12:47.33 | | | 0.05 |
| | | | Sg | 12:53.01 | | | 0.01 |
| MORH | 41.6 | 29 | Pg | 6:12:47.28 | | | -0.09 |
| | | | Sg | 12:53.01 | | | -0.15 |

460.

2021-04-12 time: 7:41:43.41 UTC ML= 1.2
 lat: 47.507N lon: 18.565E h= 0.0 km
 erh= 5.4km erz= 5.0km
 nr= 10 gap=167 rms=0.37
 Locality: Óbarok
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| PKSG | 18.3 | 226 | Pg | 7:41:46.85 | | | 0.16 |
| | | | Sg | 41:49.59 | | | 0.35 |
| CSKK | 28.0 | 235 | Pg | 7:41:48.34 | | | -0.07 |
| | | | Sg | 41:52.37 | | | 0.06 |
| PKST | 48.6 | 236 | Pg | 7:41:52.37 | | | 0.27 |
| | | | Sg | 41:58.09 | | | -0.78 |
| VYHS | 111.6 | 10 | Pg | 7:42:03.42 | | | 0.07 |
| | | | Sg | 42:15.66 | | | -3.23* |
| MORH | 143.6 | 178 | Sn | 7:42:27.41 | | | -0.40 |
| PKSM | 144.1 | 178 | Sn | 7:42:27.91 | | | 0.00 |

461.

2021-04-12 time: 9:09:35.35 UTC ML= 1.6
 lat: 47.970N lon: 20.038E h= 0.0 km
 erh= 3.4km erz= 2.6km
 nr= 10 gap=212 rms=0.57
 Locality: Mátraballa
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PSZ | 12.1 | 242 | PgU | 9:09:38.16 | | | 0.65 |
| | | | Sg | 09:39.59 | | | 0.39 |
| PENC | 60.0 | 251 | Sg | 9:09:54.64 | | | 0.23 |
| KECS | 66.1 | 30 | Sg | 9:09:55.79 | | | -0.56 |
| VYHS | 106.6 | 303 | Pg | 9:09:54.23 | | | -0.15 |
| | | | Sg | 10:08.68 | | | -0.55 |
| PKSG | 139.4 | 243 | Pn | 9:09:59.55 | | | -0.21 |
| | | | Sn | 10:17.97 | | | -0.83 |
| NIE | 162.4 | 7 | Sn | 9:10:25.30 | | | 1.39 |
| PKST | 170.1 | 242 | Sn | 9:10:25.00 | | | -0.62 |
| MORH | 221.9 | 208 | Sn | 9:10:40.27 | | | 3.16* |

Földrengés paraméterek

462.

2021-04-12 time: 9:33:18.93 UTC ML= 0.4
 lat: 47.195N lon: 18.300E h= 0.0 km
 erh= 2.0km erz= 494km
 nr= 6 gap=170 rms=0.29
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 18.9 | 351 | Sg | 9:33:24.68 | | | -0.25 |
| PKST | 21.3 | 289 | Pg | 9:33:22.99 | | | 0.25 |
| | | | Sg | 33:25.51 | | | -0.20 |
| PKSG | 22.9 | 17 | Pg | 9:33:23.31 | | | 0.30 |
| | | | Sg | 33:25.95 | | | -0.25 |
| KOVH | 124.0 | 187 | Sg | 9:33:57.86 | | | -0.49 |

463.

2021-04-12 time: 10:00:27.29 UTC ML= 1.5
 lat: 48.150N lon: 16.912E h= 0.0 km
 erh= 1.8km erz= 2.3km
 nr= 17 gap= 83 rms=0.60
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MODS | 36.8 | 47 | Pg | 10:00:34.01 | | | 0.14 |
| | | | Sg | 00:38.63 | | | -0.36 |
| SMOL | 55.7 | 43 | eSg | 10:00:45.00 | | | -0.01 |
| WINA | 62.6 | 266 | Pg | 10:00:39.44 | | | 0.97 |
| | | | Sg | 00:48.05 | | | 0.85 |
| RONA | 68.0 | 223 | Pg | 10:00:39.21 | | | -0.23 |
| | | | Sg | 00:47.95 | | | -0.96 |
| CONA | 82.1 | 253 | Pg | 10:00:42.02 | | | 0.07 |
| | | | Sg | 00:53.02 | | | -0.37 |
| KRUC | 108.3 | 339 | Pg | 10:00:46.69 | | | 0.05 |
| | | | Sg | 01:00.85 | | | -0.87 |
| PKST | 130.0 | 140 | Pg | 10:00:50.10 | | | -0.42 |
| | | | Sg | 01:06.32 | | | -2.31 |
| ARSA | 144.5 | 226 | Pn | 10:00:52.97 | | | 0.63 |
| | | | Sn | 01:11.04 | | | -0.83 |
| VYHS | 147.8 | 75 | Pn | 10:00:53.62 | | | 0.87 |
| | | | Sn | 01:12.00 | | | -0.61 |

464.

2021-04-12 time: 19:19:52.36 UTC ML= 1.0
 lat: 47.758N lon: 16.161E h= 12.1 km
 erh= 1.5km erz= 1.2km
 nr= 15 gap= 99 rms=0.45
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 12.1 | 123 | PgD | 19:19:55.64 | | | 0.23 |
| | | | Sg | 19:57.58 | | | -0.21 |
| CONA | 29.3 | 310 | PgU | 19:19:58.47 | | | 0.45 |
| | | | Sg | 20:02.21 | | | -0.22 |
| SOP | 31.0 | 106 | Pg | 19:19:58.58 | | | 0.29 |
| | | | Sg | 20:02.35 | | | -0.57 |
| WINA | 39.3 | 350 | Pg | 19:19:59.89 | | | 0.18 |
| | | | Sg | 20:05.29 | | | -0.15 |
| ARSA | 74.2 | 220 | Pg | 19:20:05.73 | | | -0.05 |
| | | | Sg | 20:14.53 | | | -1.71 |
| ABNA | 114.9 | 332 | Pn | 19:20:11.96 | | | -0.22 |
| | | | Sn | 20:25.93 | | | -1.72 |
| MOA | 142.3 | 274 | Sn | 19:20:34.19 | | | 0.47 |
| KRUC | 146.0 | 7 | Pn | 19:20:16.43 | | | 0.38 |
| | | | Sn | 20:34.03 | | | -0.50 |

Földrengés paraméterek

Hypocenter Parameters

465.

2021-04-13 time: 5:46:03.59 UTC ML= 1.7
 lat: 46.023N lon: 22.855E h= 0.0 km
 erh= 2.4km erz= 4.5km
 nr= 10 gap=118 rms=0.55
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 16.0 | 166 | Pg | 5:46:06.61 | 0.16 |
| | | | Sg | 46:09.62 | 0.95 |
| GZR | 70.2 | 185 | Pg | 5:46:15.95 | -0.19 |
| | | | Sg | 46:25.19 | -0.73 |
| DRGR | 86.2 | 353 | Pg | 5:46:19.36 | 0.38 |
| | | | Sg | 46:30.01 | -0.97 |
| SIRR | 96.3 | 286 | Sg | 5:46:34.83 | 0.64 |
| BZS | 106.3 | 245 | Sg | 5:46:36.53 | -0.85 |
| VOIR | 182.8 | 111 | Pn | 5:46:33.72 | 0.29 |
| | | | Sn | 46:56.32 | -0.37 |

466.

2021-04-13 time: 8:05:29.44 UTC ML= 1.5
 lat: 47.824N lon: 19.929E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 8 gap=186 rms=0.89
 Locality: Gyöngyössolymos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 10.9 | 346 | Pg | 8:05:32.20 | 0.82 |
| | | | Sg | 05:33.95 | 1.06 |
| PENC | 48.6 | 266 | Pg | 8:05:38.47 | 0.35 |
| | | | Sg | 05:45.40 | 0.51 |
| KECS | 84.2 | 29 | Sg | 8:05:55.98 | -0.24 |
| VYHS | 110.3 | 313 | Sg | 8:06:03.07 | -1.43 |
| ABAH | 110.9 | 62 | Sg | 8:06:03.48 | -1.22 |
| PKSG | 125.2 | 247 | Sg | 8:06:07.99 | -1.25 |

467.

2021-04-13 time: 8:28:26.18 UTC ML= 0.8
 lat: 47.186N lon: 18.306E h= 0.0 km
 erh= 1.3km erz= 2.3km
 nr= 10 gap=111 rms=0.32
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 20.0 | 350 | Pg | 8:28:30.15 | 0.40 |
| | | | Sg | 28:32.16 | -0.38 |
| PKST | 22.1 | 291 | Pg | 8:28:30.32 | 0.19 |
| | | | Sg | 28:32.79 | -0.43 |
| PKSG | 23.8 | 16 | Pg | 8:28:30.67 | 0.25 |
| | | | Sg | 28:33.43 | -0.30 |
| MORH | 110.9 | 167 | Sg | 8:29:01.30 | -0.14 |
| KOVH | 123.0 | 187 | Sg | 8:29:05.08 | -0.22 |
| PSZ | 144.6 | 56 | Sn | 8:29:10.75 | -0.06 |
| VYHS | 150.7 | 15 | Sn | 8:29:10.69 | -1.47 |

468.

2021-04-13 time: 9:55:44.15 UTC ML= 1.7
 lat: 48.900N lon: 21.047E h= 0.0 km
 erh= 2.5km erz= 2.9km
 nr= 11 gap=119 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 62.1 | 222 | Pg | 9:55:55.54 | 0.30 |
| | | | Sg | 56:03.27 | -0.61 |
| ABAH | 68.6 | 168 | Pg | 9:55:56.84 | 0.44 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 56:05.78 | -0.17 |
| NIE | 78.8 | 317 | Pg | 9:55:57.95 | -0.27 |
| | | | Sg | 56:08.29 | -0.90 |
| KOLS | 89.9 | 88 | Sg | 9:56:11.80 | -0.94 |
| PSZ | 138.5 | 218 | Pn | 9:56:08.39 | -0.07 |
| | | | Sn | 56:26.54 | -0.88 |
| OJC | 172.4 | 328 | Pn | 9:56:13.91 | 1.23 |
| | | | Sn | 56:35.40 | 0.47 |

469.

2021-04-13 time: 13:20:32.18 UTC ML= 1.6
 lat: 48.355N lon: 19.847E h= 0.0 km
 erh= 1.7km erz= 5.0km
 nr= 14 gap= 94 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 48.7 | 176 | Pg | 13:20:41.13 | 0.26 |
| | | | Sg | 20:46.95 | -0.70 |
| KECS | 49.3 | 73 | Pg | 13:20:41.21 | 0.21 |
| | | | Sg | 20:48.14 | 0.27 |
| PENC | 75.6 | 214 | Pg | 13:20:46.75 | 1.06 |
| | | | Sg | 20:55.99 | -0.23 |
| VYHS | 76.4 | 282 | Pg | 13:20:46.13 | 0.30 |
| | | | Sg | 20:56.08 | -0.40 |
| ABAH | 103.4 | 94 | Pg | 13:20:50.97 | 0.31 |
| | | | Sg | 21:03.42 | -1.64 |
| NIE | 123.2 | 16 | Pg | 13:20:54.18 | 0.00 |
| | | | Sg | 21:10.45 | -0.88 |
| CSKK | 162.1 | 227 | Pn | 13:20:58.80 | -0.62 |
| | | | Sn | 21:18.08 | -2.59 |

470.

2021-04-13 time: 20:58:13.70 UTC ML= 2.8
 lat: 45.541N lon: 16.024E h= 5.8 km
 erh= 3.3km erz= 2.7km
 nr= 35 gap=142 rms=1.14
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 32.1 | 356 | Pg | 20:58:19.93 | 0.40 |
| | | | Sg | 58:24.51 | 0.44 |
| PTJ | 40.2 | 353 | Pg | 20:58:20.83 | -0.13 |
| | | | Sg | 58:26.26 | -0.36 |
| CRES | 54.4 | 306 | Pg | 20:58:23.91 | 0.44 |
| | | | Sg | 58:30.36 | -0.73 |
| KOGS | 102.3 | 10 | Pg | 20:58:31.32 | -0.69 |
| | | | Sg | 58:44.22 | -2.06 |
| GROS | 110.0 | 338 | Pg | 20:58:33.13 | -0.24 |
| | | | Sg | 58:46.93 | -1.78 |
| BEHE | 118.5 | 29 | Pn | 20:58:35.07 | 0.30 |
| BLY | 126.8 | 134 | Pn | 20:58:34.37 | -1.43 |
| | | | Sn | 58:50.89 | -2.14 |
| PERS | 140.5 | 330 | Pn | 20:58:37.39 | -0.12 |
| | | | Sn | 58:54.74 | -1.33 |
| SOKA | 147.8 | 329 | Pn | 20:58:38.29 | -0.13 |
| | | | Sn | 58:57.46 | -0.24 |
| OBKA | 156.9 | 313 | Pn | 20:58:40.73 | 1.17 |
| KOVH | 172.4 | 69 | Pn | 20:58:41.92 | 0.43 |
| | | | Sn | 59:01.68 | -1.48 |
| TRI | 177.3 | 276 | Pn | 20:58:43.31 | 1.22 |
| | | | Sn | 59:05.05 | 0.82 |
| PKSV | 177.7 | 77 | Pn | 20:58:42.04 | -0.11 |
| | | | Sn | 59:03.00 | -1.33 |
| ARSA | 193.9 | 349 | Pn | 20:58:44.44 | 0.27 |
| | | | Sn | 59:08.56 | 0.64 |
| PKS9 | 209.6 | 56 | Pn | 20:58:49.52 | 3.39 |
| MPLH | 215.4 | 33 | Pn | 20:58:50.66 | 3.81 |
| PKSM | 216.4 | 70 | Pn | 20:58:50.36 | 3.38 |
| | | | Sn | 59:13.45 | 0.52 |
| MORH | 216.8 | 70 | Pn | 20:58:50.30 | 3.28 |

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 240.9 | 5 | Pn | 20:58:50.48 | | 0.46 | |
| WINA | 285.3 | 1 | Pn | 20:58:56.54 | | 0.98 | |
| MOA | 289.7 | 332 | Pn | 20:58:57.29 | | 1.17 | |
| BIOA | 300.9 | 323 | Pn | 20:58:58.16 | | 0.65* | |
| ABTA | 302.7 | 296 | Pn | 20:59:00.04 | | 2.31* | |
| LESA | 331.5 | 309 | Pn | 20:59:03.18 | | 1.85* | |
| ABNA | 350.8 | 353 | Pn | 20:59:04.13 | | 0.40* | |

471.

2021-04-13 time: 20:58:46.25 UTC ML= 3.1
 lat: 45.569N lon: 16.076E h= 6.7 km
 erh= 2.3km erz= 1.9km
 nr= 22 gap=139 rms=0.70
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| ZAG | 29.6 | 348 | Pg | 20:58:52.07 | | 0.40 | |
| | | | Sg | 58:55.98 | | 0.09 | |
| PTJ | 37.9 | 346 | Pg | 20:58:53.12 | | -0.01 | |
| | | | Sg | 58:58.44 | | -0.05 | |
| CRES | 56.0 | 301 | Pg | 20:58:55.98 | | -0.35 | |
| | | | Sg | 59:03.92 | | -0.27 | |
| KOGS | 98.6 | 8 | Pg | 20:59:04.62 | | 0.71 | |
| | | | Sg | 59:16.67 | | -1.00 | |
| GROS | 108.6 | 336 | Pg | 20:59:05.77 | | 0.08 | |
| | | | Sg | 59:19.38 | | -1.47 | |
| BEHE | 113.9 | 28 | Sg | 20:59:21.99 | | -0.52 | |
| BLY | 126.1 | 136 | Pn | 20:59:08.48 | | 0.33 | |
| | | | Sn | 59:23.40 | | -1.83 | |
| PERS | 139.8 | 328 | Sn | 20:59:27.06 | | -1.22 | |
| SOKA | 147.3 | 327 | Pn | 20:59:11.34 | | 0.55 | |
| | | | Sn | 59:30.02 | | 0.09 | |
| KOVH | 167.5 | 70 | Sn | 20:59:33.89 | | -0.53 | |
| PKSV | 173.1 | 78 | Sn | 20:59:34.99 | | -0.67 | |
| TRI | 180.9 | 275 | Sn | 20:59:38.56 | | 1.17 | |
| ARSA | 191.7 | 347 | Sn | 20:59:41.07 | | 1.29 | |
| PKSM | 211.5 | 70 | Sn | 20:59:45.79 | | 1.60 | |
| MORH | 211.9 | 70 | Sn | 20:59:45.94 | | 1.67 | |

472.

2021-04-14 time: 7:43:38.64 UTC ML= 1.9
 lat: 47.838N lon: 19.932E h= 0.0 km
 erh= 3.6km erz= 5.7km
 nr= 8 gap=184 rms=0.75
 Locality: Mátrafüred
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PSZ | 9.4 | 343 | Pg | 7:43:40.70 | | 0.38 | |
| | | | Sg | 43:41.95 | | 0.33 | |
| PENC | 49.0 | 264 | Sg | 7:43:55.71 | | 1.50 | |
| KECS | 82.8 | 30 | Sg | 7:44:04.03 | | -0.92 | |
| ABAH | 110.0 | 62 | Pg | 7:43:58.67 | | 0.39 | |
| | | | Sg | 44:12.93 | | -0.67 | |
| PKSG | 126.0 | 247 | Sg | 7:44:17.75 | | -0.95 | |
| CSKK | 136.3 | 247 | Sn | 7:44:20.46 | | -0.96 | |

473.

2021-04-14 time: 8:36:11.71 UTC ML= 1.9
 lat: 48.660N lon: 18.633E h= 0.0 km
 erh= 2.6km erz= 3.1km
 nr= 14 gap= 88 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| A338 | 74.6 | 196 | Sg | 8:36:35.69 | | 0.26 | |
| MODS | 105.1 | 252 | Pg | 8:36:30.67 | | 0.19 | |
| | | | Sg | 36:45.43 | | 0.31 | |
| PENC | 108.0 | 154 | Pg | 8:36:30.87 | | -0.12 | |

Földrengés paraméterek

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|------------|----|-------|-----|
| PSZ | 124.7 | 131 | Sg | 8:36:50.68 | | -0.66 | |
| KECS | 138.1 | 98 | Pn | 8:36:36.69 | | 0.73 | |
| | | | Sn | 36:53.97 | | -0.91 | |
| PKSG | 142.1 | 187 | Sn | 8:36:55.17 | | -0.60 | |
| MORC | 147.5 | 327 | Pn | 8:36:36.25 | | -0.89 | |
| | | | Sn | 36:55.57 | | -1.40 | |
| NIE | 149.0 | 55 | Pn | 8:36:38.66 | | 1.33 | |
| | | | Sn | 36:57.98 | | 0.67 | |
| PKST | 162.0 | 196 | Sn | 8:37:01.29 | | 1.10 | |

474.

2021-04-14 time: 8:41:49.30 UTC ML= 1.4
 lat: 48.632N lon: 20.729E h= 0.0 km
 erh= 2.7km erz= 842km
 nr= 8 gap=113 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| KECS | 24.5 | 227 | Pg | 8:41:53.71 | | 0.04 | |
| | | | Sg | 41:57.23 | | 0.16 | |
| ABAH | 53.1 | 135 | Pg | 8:41:59.33 | | 0.55 | |
| | | | Sg | 42:05.51 | | -0.67 | |
| NIE | 92.6 | 341 | Sg | 8:42:18.75 | | 0.00 | |
| PSZ | 100.7 | 218 | Pg | 8:42:07.90 | | 0.62 | |
| | | | Sg | 42:20.12 | | -1.19 | |
| KOLS | 118.3 | 74 | Sg | 8:42:25.79 | | -1.11 | |

475.

2021-04-14 time: 9:20:53.90 UTC ML= 1.8
 lat: 47.765N lon: 18.498E h= 0.0 km
 erh= 2.4km erz= 895km
 nr= 15 gap=134 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PKSG | 42.3 | 191 | Pg | 9:21:02.40 | | 0.94 | |
| | | | Sg | 21:06.41 | | -0.94 | |
| CSKK | 48.2 | 202 | Pg | 9:21:02.36 | | -0.14 | |
| | | | Sg | 21:08.12 | | -1.09 | |
| PENC | 58.8 | 87 | Pg | 9:21:05.07 | | 0.67 | |
| | | | Sg | 21:12.13 | | -0.46 | |
| PKST | 66.3 | 212 | Pg | 9:21:06.69 | | 0.95 | |
| | | | Sg | 21:13.44 | | -1.52 | |
| EGYH | 95.9 | 246 | Pg | 9:21:11.45 | | 0.42 | |
| | | | Sg | 21:24.48 | | 0.10 | |
| MPLH | 98.0 | 228 | Pg | 9:21:12.00 | | 0.60 | |
| | | | Sg | 21:24.65 | | -0.40 | |
| PSZ | 105.9 | 81 | Sg | 9:21:26.35 | | -1.22 | |
| MODS | 113.4 | 307 | Pg | 9:21:13.79 | | -0.36 | |
| | | | Sg | 21:28.76 | | -1.18 | |

476.

2021-04-14 time: 12:24:23.76 UTC ML= 1.4
 lat: 45.649N lon: 22.339E h= 0.0 km
 erh= 2.0km erz= 4.4km
 nr= 10 gap=137 rms=0.59
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| GZR | 44.4 | 130 | Pg | 12:24:31.64 | | -0.05 | |
| | | | Sg | 24:37.01 | | -0.87 | |
| BZS | 56.5 | 266 | Pg | 12:24:33.50 | | -0.34 | |
| | | | Sg | 24:41.88 | | 0.18 | |
| SIRR | 86.6 | 323 | Pg | 12:24:39.70 | | 0.48 | |
| | | | Sg | 24:50.62 | | -0.67 | |
| DRGR | 130.2 | 13 | Pg | 12:24:47.46 | | 0.45 | |
| | | | Sg | 25:03.98 | | -1.17 | |
| VOIR | 213.0 | 96 | Pn | 12:24:58.32 | | 0.97 | |

Földrengés paraméterek

Hypocenter Parameters

Sn 25:24.70 1.15
477.

2021-04-14 time: 12:33:06.40 UTC ML= 1.3
lat: 47.892N lon: 16.471E h= 0.0 km
erh= 2.3km erz= 758km
nr= 11 gap=163 rms=0.61
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 25.1 | 212 | Pg | 12:33:11.04 | | | 0.16 |
| | | | Sg | 33:14.76 | | | 0.38 |
| WINA | 38.2 | 309 | Pg | 12:33:13.70 | | | 0.48 |
| | | | Sg | 33:19.07 | | | 0.54 |
| CONA | 45.8 | 275 | Pg | 12:33:15.06 | | | 0.49 |
| | | | Sg | 33:20.74 | | | -0.21 |
| MODS | 80.4 | 48 | Pg | 12:33:20.98 | | | 0.22 |
| | | | Sg | 33:31.33 | | | -0.64 |
| ARSA | 100.9 | 225 | Pg | 12:33:37.01 | | | -1.46 |
| KRUC | 130.2 | 358 | Pg | 12:33:29.33 | | | -0.32 |
| | | | Sg | 33:45.00 | | | -2.79 |

478.

2021-04-14 time: 12:40:09.90 UTC ML= 1.4
lat: 45.622N lon: 22.391E h= 0.0 km
erh= 3.2km erz= 4.2km
nr= 9 gap=139 rms=0.64
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| GZR | 39.4 | 130 | Pg | 12:40:17.12 | | | 0.18 |
| | | | Sg | 40:22.34 | | | -0.09 |
| BZS | 60.4 | 269 | Pg | 12:40:20.53 | | | -0.15 |
| | | | Sg | 40:28.17 | | | -0.92 |
| SIRR | 91.5 | 322 | Pg | 12:40:27.26 | | | 1.03 |
| | | | Sg | 40:38.96 | | | -0.01 |
| DRGR | 132.4 | 11 | Pn | 12:40:33.19 | | | -0.25 |
| | | | Sn | 40:49.76 | | | -2.04 |
| VOIR | 208.7 | 96 | Sn | 12:41:09.24 | | | 0.49 |

479.

2021-04-14 time: 12:51:19.51 UTC ML= 1.7
lat: 45.654N lon: 22.378E h= 0.0 km
erh= 2.0km erz= 6.3km
nr= 10 gap=133 rms=0.49
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| GZR | 42.5 | 133 | Pg | 12:51:27.41 | | | 0.30 |
| | | | Sg | 51:32.59 | | | -0.44 |
| DEV | 48.2 | 58 | Pg | 12:51:27.71 | | | -0.41 |
| BZS | 59.5 | 266 | Pg | 12:51:30.53 | | | 0.40 |
| | | | Sg | 51:37.80 | | | -0.61 |
| SIRR | 88.0 | 321 | Pg | 12:51:35.63 | | | 0.40 |
| | | | Sg | 51:46.59 | | | -0.91 |
| DRGR | 129.1 | 12 | Pg | 12:51:42.87 | | | 0.31 |
| | | | Sg | 51:57.94 | | | -2.60 |
| VOIR | 210.1 | 97 | Pn | 12:51:52.99 | | | 0.25 |

480.

2021-04-14 time: 19:42:25.02 UTC ML= 1.4
lat: 47.773N lon: 16.313E h= 14.5 km
erh= 1.4km erz= 0.9km
nr= 18 gap= 71 rms=0.48
Locality: Austria
Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| RONA | 8.3 | 189 | PgD | 19:42:28.31 | | | 0.30 |
| | | | Sg | 42:29.97 | | | -0.37 |
| SOP | 20.9 | 119 | PgU | 19:42:29.93 | | | 0.36 |
| | | | Sg | 42:32.68 | | | -0.44 |
| CONA | 37.9 | 297 | Pg | 19:42:32.61 | | | 0.33 |
| | | | Sg | 42:37.43 | | | -0.50 |
| WINA | 41.2 | 334 | Pg | 19:42:33.44 | | | 0.61 |
| | | | Sg | 42:38.87 | | | -0.05 |
| ARSA | 83.2 | 226 | P* | 19:42:39.30 | | | -0.77 |
| | | | S* | 42:49.20 | | | -2.60* |
| EGYH | 86.2 | 117 | P* | 19:42:40.56 | | | 0.03 |
| | | | S* | 42:51.77 | | | -0.86 |
| MODS | 98.1 | 47 | P* | 19:42:42.79 | | | 0.46 |
| | | | S* | 42:55.02 | | | -0.81 |
| KRUC | 143.4 | 2 | Pn | 19:42:48.25 | | | 0.17 |
| | | | Sn | 43:05.92 | | | -0.15 |
| KOGS | 147.4 | 182 | Sn | 19:43:07.13 | | | 0.17 |
| PERS | 155.6 | 216 | Sn | 19:43:09.43 | | | 0.65 |

481.

2021-04-15 time: 8:07:45.79 UTC ML= 1.6
lat: 47.343N lon: 18.410E h= 0.0 km
erh= 1.6km erz= 2.9km
nr= 13 gap=112 rms=0.60
Locality: Zámoly
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 5.6 | 345 | PgU | 8:07:46.88 | | | 0.09 |
| | | | Sg | 07:47.30 | | | -0.28 |
| CSKK | 11.5 | 281 | PgU | 8:07:48.25 | | | 0.40 |
| | | | Sg | 07:49.42 | | | -0.03 |
| PKST | 29.9 | 252 | Pg | 8:07:51.69 | | | 0.56 |
| | | | Sg | 07:54.30 | | | -1.00 |
| MORH | 126.6 | 172 | Pg | 8:08:08.75 | | | 0.35 |
| | | | Sg | 08:25.52 | | | -0.51 |
| PKSM | 127.0 | 172 | Pg | 8:08:09.29 | | | 0.82 |
| | | | Sg | 08:25.35 | | | -0.81 |
| PSZ | 128.6 | 60 | Sg | 8:08:26.17 | | | -0.50 |
| VYHS | 131.9 | 14 | Sn | 8:08:25.91 | | | -1.67 |
| KOVH | 141.5 | 190 | Sn | 8:08:29.02 | | | -0.70 |

482.

2021-04-15 time: 8:39:12.96 UTC ML= 2.0
lat: 46.290N lon: 22.010E h= 0.0 km
erh= 1.9km erz= 4.1km
nr= 13 gap=130 rms=0.60
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SIRR | 27.1 | 265 | PgU | 8:39:18.00 | | | 0.21 |
| | | | Sg | 39:21.56 | | | -0.01 |
| DRGR | 77.5 | 44 | Pg | 8:39:26.93 | | | 0.14 |
| | | | Sg | 39:36.90 | | | -0.68 |
| BZS | 80.8 | 202 | Pg | 8:39:27.71 | | | 0.32 |
| | | | Sg | 39:37.54 | | | -1.11 |
| DEV | 82.6 | 123 | Sg | 8:39:39.40 | | | 0.19 |
| AMBH | 99.1 | 274 | Pg | 8:39:31.24 | | | 0.59 |
| | | | Sg | 39:43.37 | | | -1.09 |
| GZR | 116.1 | 149 | Pg | 8:39:34.04 | | | 0.34 |
| | | | Sg | 39:48.94 | | | -0.93 |
| CJR | 130.7 | 69 | Pn | 8:39:36.85 | | | 0.56 |
| | | | Sn | 39:52.96 | | | -1.52 |

Hypocenter Parameters

Földrengés paraméterek

483.

2021-04-15 time: 8:47:05.50 UTC ML= 1.6
 lat: 47.803N lon: 19.071E h= 0.0 km
 erh= 8.1km erz= 862km
 nr= 5 gap=252 rms=0.48
 Locality: Verőce
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 15.8 | 95 | Pg | 8:47:08.31 | -0.02 |
| | | | Sg | 47:10.93 | 0.40 |
| PSZ | 62.9 | 78 | Sg | 8:47:24.03 | -1.48 |
| VYHS | 78.8 | 347 | Pg | 8:47:19.81 | 0.23 |
| | | | Sg | 47:30.55 | -0.01 |

484.

2021-04-15 time: 9:10:12.26 UTC ML= 0.8
 lat: 47.202N lon: 18.284E h= 0.0 km
 erh= 1.1km erz= 301km
 nr= 7 gap=145 rms=0.20
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.9 | 354 | Pg | 9:10:15.66 | 0.20 |
| | | | Sg | 10:18.17 | 0.21 |
| PKST | 19.9 | 288 | Pg | 9:10:15.66 | -0.15 |
| | | | Sg | 10:18.44 | -0.14 |
| PKSG | 22.5 | 21 | Pg | 9:10:16.30 | 0.02 |
| | | | Sg | 10:18.88 | -0.54 |
| MORH | 113.1 | 166 | Sg | 9:10:48.36 | 0.16 |

485.

2021-04-15 time: 9:33:45.12 UTC ML= 2.0
 lat: 48.230N lon: 21.255E h= 0.0 km
 erh= 1.5km erz= 2.2km
 nr= 15 gap=119 rms=0.54
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 7.4 | 351 | PgU | 9:33:46.86 | 0.41 |
| | | | Sg | 33:47.50 | 0.01 |
| KECS | 63.6 | 296 | Pg | 9:33:56.69 | 0.21 |
| | | | Sg | 34:04.32 | -1.01 |
| TRPA | 96.2 | 97 | Pg | 9:34:02.41 | 0.12 |
| | | | Sg | 34:14.92 | -0.77 |
| PSZ | 107.1 | 251 | Pg | 9:34:04.88 | 0.63 |
| | | | Sg | 34:19.00 | -0.17 |
| KOLS | 108.5 | 44 | Pg | 9:34:04.97 | 0.48 |
| | | | Sg | 34:19.61 | 0.01 |
| BSZH | 127.2 | 216 | Sg | 9:34:24.46 | -1.09 |
| NIE | 149.2 | 332 | Pn | 9:34:10.24 | -0.52 |
| | | | Sn | 34:29.72 | -1.04 |
| PKSN | 181.3 | 215 | Sn | 9:34:37.81 | -0.06 |
| VYHS | 181.6 | 279 | Sn | 9:34:38.75 | 0.80 |

486.

2021-04-16 time: 6:15:22.75 UTC ML= 1.4
 lat: 47.099N lon: 17.951E h= 0.0 km
 erh= 1.5km erz= 656km
 nr= 19 gap= 96 rms=0.58
 Locality: Kádárta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 18.9 | 20 | Pg | 6:15:25.35 | -0.77 |
| | | | Sg | 15:28.97 | 0.22 |
| TIH | 22.6 | 191 | Pg | 6:15:26.48 | -0.30 |
| MPLH | 32.2 | 284 | Pg | 6:15:28.87 | 0.38 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 15:33.26 | 0.29 |
| CSKK | 37.6 | 39 | Pg | 6:15:29.35 | -0.11 |
| | | | Sg | 15:34.64 | -0.05 |
| PKSG | 46.6 | 46 | Pg | 6:15:30.78 | -0.29 |
| | | | Sg | 15:37.43 | -0.12 |
| PKB1 | 73.0 | 119 | Pg | 6:15:37.08 | 1.29 |
| | | | Sg | 15:45.51 | -0.45 |
| PKB5 | 82.0 | 133 | Pg | 6:15:38.18 | 0.78 |
| | | | Sg | 15:49.58 | 0.75 |
| PKB4 | 83.6 | 143 | Pg | 6:15:38.12 | 0.45 |
| MORH | 111.6 | 152 | Sg | 6:15:57.53 | -0.71 |
| PKSM | 111.9 | 152 | Pg | 6:15:42.72 | -0.02 |
| | | | Sg | 15:57.26 | -1.07 |
| KOVH | 113.0 | 174 | Pg | 6:15:42.75 | -0.17 |
| | | | Sg | 15:57.29 | -1.37 |

487.

2021-04-16 time: 7:00:06.04 UTC ML= 1.5
 lat: 48.428N lon: 17.232E h= 0.0 km
 erh= 2.4km erz= 676km
 nr= 8 gap= 98 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 6.9 | 151 | PgU | 7:00:07.38 | 0.12 |
| | | | Sg | 00:08.30 | 0.08 |
| SMOL | 17.4 | 57 | ePg | 7:00:09.00 | -0.15 |
| | | | eSg | 00:13.10 | 1.53 |
| KRUC | 93.6 | 319 | Pg | 7:00:22.84 | 0.08 |
| RONA | 106.9 | 221 | Pg | 7:00:25.35 | 0.23 |
| | | | Sg | 00:37.45 | -2.55 |
| VYHS | 118.9 | 86 | Pg | 7:00:26.88 | -0.39 |

488.

2021-04-16 time: 7:32:32.51 UTC ML= 1.2
 lat: 45.848N lon: 18.407E h= 0.0 km
 erh= 1.2km erz= 168km
 nr= 6 gap=266 rms=0.10
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 12.8 | 291 | Pg | 7:32:34.71 | -0.09 |
| | | | Sg | 32:36.72 | 0.13 |
| KOVH | 35.8 | 318 | Sg | 7:32:43.85 | -0.04 |
| PKSM | 44.3 | 24 | Sg | 7:32:46.56 | -0.04 |
| MORH | 44.8 | 24 | Pg | 7:32:40.64 | 0.12 |
| | | | Sg | 32:46.66 | -0.10 |

489.

2021-04-16 time: 8:07:26.71 UTC ML= 1.0
 lat: 47.081N lon: 18.065E h= 0.0 km
 erh= 2.7km erz= 376km
 nr= 5 gap=248 rms=0.17
 Locality: Papkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.9 | 353 | Pg | 8:07:30.02 | -0.25 |
| | | | Sg | 07:33.23 | 0.19 |
| MPLH | 41.1 | 284 | Pg | 8:07:34.22 | 0.17 |
| | | | Sg | 07:39.65 | -0.12 |
| PKSG | 42.5 | 36 | Pg | 8:07:34.32 | 0.03 |

Földrengés paraméterek

Hypocenter Parameters

490.

2021-04-16 time: 8:10:37.78 UTC ML= 1.6
 lat: 48.567N lon: 19.298E h= 0.0 km
 erh= 4.5km erz= 6.9km
 nr= 12 gap= 82 rms=1.28
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 35.1 | 257 | Pg | 8:10:44.32 | 0.27 |
| | | | Sg | 10:48.74 | -0.19 |
| PSZ | 84.7 | 148 | Pg | 8:10:53.66 | 0.76 |
| | | | Sg | 11:03.10 | -1.59 |
| PENC | 86.4 | 181 | Pg | 8:10:54.11 | 0.90 |
| | | | Sg | 11:03.50 | -1.74 |
| KECS | 88.2 | 96 | Pg | 8:10:53.86 | 0.32 |
| | | | Sg | 11:04.20 | -1.63 |
| NIE | 120.4 | 38 | Sg | 8:11:14.65 | -1.40 |
| ABAH | 146.8 | 102 | Pn | 8:11:06.01 | 2.89 |
| | | | Sn | 11:22.28 | -0.61 |
| MORC | 185.7 | 316 | Sn | 8:11:29.31 | -2.21 |

491.

2021-04-16 time: 8:14:46.66 UTC ML= 1.0
 lat: 46.138N lon: 18.048E h= 0.0 km
 erh= 2.8km erz= 400km
 nr= 8 gap=289 rms=0.29
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 6.9 | 144 | Pg | 8:14:47.84 | -0.04 |
| | | | Sg | 14:49.22 | 0.39 |
| PKSV | 32.0 | 150 | Pg | 8:14:52.04 | -0.32 |
| | | | Sg | 14:56.78 | -0.03 |
| PKSM | 46.6 | 80 | Pg | 8:14:55.28 | 0.31 |
| | | | Sg | 15:00.80 | -0.66 |
| MORH | 46.9 | 79 | Pg | 8:14:55.22 | 0.20 |
| | | | Sg | 15:01.40 | -0.15 |

492.

2021-04-16 time: 8:37:22.54 UTC ML= 1.5
 lat: 48.611N lon: 20.741E h= 0.0 km
 erh= 2.4km erz= 2.9km
 nr= 10 gap=131 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.6 | 233 | Pg | 8:37:27.11 | 0.36 |
| | | | Sg | 37:29.87 | -0.16 |
| ABAH | 50.8 | 133 | Pg | 8:37:32.61 | 1.00 |
| | | | Sg | 37:38.46 | -0.23 |
| NIE | 95.2 | 341 | Pg | 8:37:40.04 | 0.51 |
| PSZ | 99.4 | 219 | Pg | 8:37:40.49 | 0.21 |
| | | | Sg | 37:52.69 | -1.44 |
| VYHS | 141.2 | 265 | Pn | 8:37:47.22 | 0.04 |
| | | | Sn | 38:05.05 | -1.35 |
| TRPA | 143.5 | 112 | Sn | 8:38:04.74 | -2.17 |

493.

2021-04-16 time: 9:14:37.88 UTC ML= 1.6
 lat: 48.520N lon: 18.715E h= 0.0 km
 erh= 2.2km erz= 3.2km
 nr= 10 gap=139 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| VYHS | 9.4 | 108 | PgU | 9:14:40.41 | 0.85 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 14:41.57 | 0.70 |
| PENC | 91.4 | 153 | Sg | 9:15:06.50 | -0.43 |
| MODS | 107.6 | 261 | Sg | 9:15:12.60 | 0.52 |
| PSZ | 110.2 | 127 | Pg | 9:14:57.87 | 0.30 |
| | | | Sg | 15:11.83 | -1.09 |
| PKSG | 127.7 | 191 | Sg | 9:15:17.86 | -0.62 |
| PKST | 149.1 | 200 | Sn | 9:15:23.09 | -0.41 |
| MORC | 163.9 | 329 | Pn | 9:15:04.90 | -0.45 |
| | | | Sn | 15:25.89 | -0.89 |

494.

2021-04-16 time: 9:41:49.75 UTC ML= 0.6
 lat: 47.200N lon: 18.286E h= 0.0 km
 erh= 0.6km erz= 1.2km
 nr= 9 gap=123 rms=0.15
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.3 | 354 | Pg | 9:41:53.28 | 0.27 |
| | | | Sg | 41:55.28 | -0.28 |
| PKST | 20.2 | 289 | Pg | 9:41:53.34 | -0.01 |
| | | | Sg | 41:56.11 | -0.05 |
| PKSG | 22.8 | 20 | Pg | 9:41:53.85 | 0.03 |
| | | | Sg | 41:56.95 | -0.04 |
| MORH | 112.8 | 166 | Sg | 9:42:25.48 | -0.11 |
| PKSM | 113.1 | 166 | Sg | 9:42:25.80 | 0.09 |
| PSZ | 145.0 | 57 | Sn | 9:42:34.27 | -0.19 |

495.

2021-04-16 time: 9:49:15.12 UTC ML= 1.3
 lat: 47.088N lon: 18.042E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 13 gap=106 rms=0.51
 Locality: Királyszentistván
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.0 | 358 | Pg | 9:49:18.22 | -0.30 |
| | | | Sg | 49:21.27 | 0.11 |
| CSKK | 34.8 | 28 | Sg | 9:49:26.81 | 0.64 |
| MPLH | 39.2 | 283 | Sg | 9:49:27.53 | -0.05 |
| PKSG | 42.9 | 38 | Pg | 9:49:22.84 | 0.06 |
| | | | Sg | 49:27.78 | -0.97 |
| MORH | 107.4 | 155 | Sg | 9:49:49.05 | -0.20 |
| PKSM | 107.7 | 155 | Pg | 9:49:34.79 | 0.44 |
| | | | Sg | 49:49.00 | -0.35 |
| KOVH | 111.2 | 178 | Pg | 9:49:35.71 | 0.72 |
| | | | Sg | 49:49.93 | -0.55 |
| PKSV | 134.3 | 173 | Sn | 9:49:56.25 | -1.21 |
| PSZ | 167.3 | 57 | Sn | 9:50:05.15 | 0.37 |

496.

2021-04-16 time: 10:01:27.76 UTC ML= 1.5
 lat: 48.142N lon: 16.915E h= 0.0 km
 erh= 1.5km erz= 2.0km
 nr= 15 gap= 84 rms=0.57
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.3 | 46 | Pg | 10:01:34.51 | 0.10 |
| | | | Sg | 01:39.31 | -0.29 |
| WINA | 62.8 | 266 | Sg | 10:01:48.17 | 0.46 |
| RONA | 67.5 | 223 | Pg | 10:01:39.84 | 0.03 |
| | | | Sg | 01:48.67 | -0.53 |
| CONA | 82.0 | 253 | Sg | 10:01:53.89 | 0.06 |
| KRUC | 109.2 | 339 | Pg | 10:01:47.37 | 0.11 |
| | | | Sg | 02:01.35 | -1.13 |
| PKST | 129.2 | 139 | Pg | 10:01:50.26 | -0.57 |
| | | | Sg | 02:07.73 | -1.10 |
| ARSA | 144.0 | 227 | Pn | 10:01:53.77 | 1.03 |

Hypocenter Parameters

Földrengés paraméterek

Sn 02:12.05 -0.18
 VYHS 147.8 75 Pn 10:01:54.20 0.98
 Sn 02:12.85 -0.23
 MORC 187.5 14 Sn 10:02:21.93 0.03

497.

2021-04-16 time: 10:13:31.13 UTC ML= 1.8
 lat: 46.863N lon: 22.857E h= 0.0 km
 erh= 6.6km erz= 2.8km
 nr= 9 gap=232 rms=0.53
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 13.6 | 235 | Pg | 10:13:33.54 | -0.02 |
| | | | Sg | 13:36.25 | 0.80 |
| CJR | 59.0 | 106 | Sg | 10:13:49.33 | -0.56 |
| SIRR | 113.1 | 234 | Sg | 10:14:05.97 | -1.12 |
| GZR | 163.4 | 182 | Pn | 10:13:59.14 | 0.60 |
| | | | Sn | 14:19.48 | -0.44 |
| BZS | 168.3 | 215 | Pn | 10:13:59.36 | 0.21 |
| | | | Sn | 14:20.79 | -0.21 |
| VOIR | 232.0 | 133 | Sn | 10:14:35.19 | 0.05 |

498.

2021-04-16 time: 11:20:08.09 UTC ML= 1.4
 lat: 48.615N lon: 20.796E h= 0.0 km
 erh= 1.4km erz= 2.8km
 nr= 11 gap= 94 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 27.2 | 237 | Pg | 11:20:13.03 | 0.08 |
| | | | Sg | 20:17.21 | 0.47 |
| ABAH | 48.3 | 137 | Pg | 11:20:17.20 | 0.48 |
| | | | Sg | 20:22.62 | -0.83 |
| NIE | 96.1 | 338 | Pg | 11:20:25.29 | 0.04 |
| | | | Sg | 20:38.24 | -0.40 |
| PSZ | 102.4 | 221 | Pg | 11:20:26.14 | -0.24 |
| | | | Sg | 20:40.45 | -0.19 |
| KOLS | 114.2 | 72 | Sg | 11:20:44.36 | -0.02 |
| VYHS | 145.3 | 265 | Pn | 11:20:33.67 | 0.42 |
| | | | Sn | 20:51.85 | -1.02 |

499.

2021-04-16 time: 12:30:42.26 UTC ML= 1.8
 lat: 46.855N lon: 22.651E h= 10.0 km
 erh= 5.6km erz= 1.6km
 nr= 8 gap=278 rms=1.18
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 8.4 | 147 | Pg | 12:30:43.17 | -1.42 |
| | | | Sg | 30:43.88 | -2.54 |
| SIRR | 100.2 | 229 | Pg | 12:31:00.31 | 0.07 |
| | | | Sg | 31:13.73 | -0.54 |
| BZS | 159.1 | 210 | Pn | 12:31:09.35 | 1.50 |
| | | | Sn | 31:27.82 | 0.00 |
| GZR | 162.8 | 177 | Pn | 12:31:09.48 | 1.17 |
| | | | Sn | 31:28.63 | 0.00 |

500.

2021-04-16 time: 12:54:44.09 UTC ML= 1.9
 lat: 45.826N lon: 18.563E h= 9.7 km
 erh= 2.6km erz= 2.2km
 nr= 16 gap=158 rms=0.54
 Locality: Ivándárda
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 25.1 | 286 | Pg | 12:54:48.91 | 0.01 |
| | | | Sg | 54:51.91 | -0.74 |
| PKSM | 43.4 | 8 | Pg | 12:54:52.21 | 0.19 |
| | | | Sg | 54:57.71 | -0.50 |
| MORH | 43.8 | 8 | Pg | 12:54:52.19 | 0.09 |
| | | | Sg | 54:57.84 | -0.52 |
| KOVH | 46.3 | 309 | Pg | 12:54:52.44 | -0.09 |
| | | | Sg | 54:57.92 | -1.20 |
| PKB4 | 74.6 | 2 | Pg | 12:54:58.02 | 0.49 |
| | | | Sg | 55:07.28 | -0.73 |
| PKB5 | 86.5 | 9 | Sg | 12:55:12.32 | 0.55 |
| PKS9 | 87.4 | 345 | Pg | 12:55:00.56 | 0.76 |
| PKB1 | 108.0 | 9 | Pn | 12:55:03.66 | 0.31 |
| | | | Sn | 55:17.97 | -0.41 |
| FRGS | 124.1 | 128 | Sn | 12:55:21.03 | -0.91 |
| PKST | 164.4 | 346 | Sn | 12:55:32.46 | 1.57 |

501.

2021-04-16 time: 14:09:17.04 UTC ML= 1.4
 lat: 46.106N lon: 21.696E h= 0.0 km
 erh= 2.7km erz= 673km
 nr= 7 gap=165 rms=0.44
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 18.2 | 351 | Pg | 14:09:20.44 | 0.16 |
| | | | Sg | 09:22.60 | -0.21 |
| BZS | 54.7 | 186 | Pg | 14:09:26.87 | 0.05 |
| | | | Sg | 09:33.75 | -0.69 |
| DRGR | 109.1 | 46 | Sg | 14:09:51.17 | -0.54 |
| GZR | 115.5 | 133 | Pg | 14:09:38.42 | 0.75 |
| | | | Sg | 09:53.43 | -0.34 |

502.

2021-04-17 time: 8:40:16.12 UTC ML= 1.5
 lat: 48.586N lon: 20.650E h= 0.0 km
 erh= 2.6km erz= 3.6km
 nr= 12 gap= 91 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 16.7 | 227 | Pg | 8:40:18.72 | -0.38 |
| | | | Sg | 40:22.24 | 0.81 |
| ABAH | 54.2 | 126 | Sg | 8:40:32.48 | -0.87 |
| PSZ | 93.1 | 217 | Pg | 8:40:33.28 | 0.54 |
| | | | Sg | 40:45.69 | -0.02 |
| NIE | 95.9 | 345 | Pg | 8:40:34.19 | 0.95 |
| | | | Sg | 40:45.43 | -1.16 |
| KOLS | 125.4 | 72 | ePg | 8:40:38.80 | 0.29 |
| | | | eSg | 40:51.90 | -4.08* |
| VYHS | 134.4 | 266 | Pn | 8:40:39.31 | -0.60 |
| | | | Sn | 40:56.93 | -1.53 |
| OJC | 191.9 | 341 | Pn | 8:40:47.84 | 0.76 |
| | | | Sn | 41:11.34 | 0.11 |

503.

2021-04-17 time: 8:53:02.08 UTC ML= 0.8
 lat: 46.171N lon: 18.310E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 8 gap=199 rms=0.80
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 18.7 | 241 | Pg | 8:53:07.47 | 2.05 |
| | | | Sg | 53:07.01 | -1.01 |
| PKSM | 26.0 | 80 | Pg | 8:53:06.59 | -0.12 |
| | | | Sg | 53:10.33 | 0.00 |

Földrengés paraméterek

Hypocenter Parameters

MORH 26.2 79 Pg 8:53:06.61 -0.16
 Sg 53:10.23 -0.19
 PKSV 31.7 188 Pg 8:53:07.36 -0.38
 Sg 53:11.88 -0.28

504.

2021-04-17 time: 15:02:14.73 UTC ML= 1.3
 lat: 48.257N lon: 16.082E h= 12.3 km
 erh= 3.1km erz= 2.5km
 nr= 13 gap=151 rms=0.72
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| WINA | 16.6 | 182 | Pg | 15:02:18.80 | 0.37 |
| | | | Sg | 02:20.86 | -0.45 |
| CONA | 40.0 | 204 | PgD | 15:02:22.54 | 0.33 |
| | | | Sg | 02:27.21 | -0.84 |
| RONA | 64.0 | 166 | Pg | 15:02:27.13 | 0.77 |
| | | | Sg | 02:34.29 | -1.15 |
| ABNA | 66.5 | 314 | Pg | 15:02:27.11 | 0.30 |
| | | | Sg | 02:35.38 | -0.85 |
| KRUC | 92.5 | 14 | PgD | 15:02:31.65 | 0.26 |
| | | | Sg | 02:42.80 | -1.58 |
| ARSA | 119.5 | 201 | Sn | 15:02:50.05 | -0.91 |
| MOA | 142.8 | 252 | Pn | 15:02:39.05 | 1.06 |
| | | | Sn | 02:56.45 | 0.32 |

505.

2021-04-17 time: 21:31:34.44 UTC ML= 0.3
 lat: 47.396N lon: 18.125E h= 3.6 km
 erh= 0.9km erz= 1.9km
 nr= 6 gap=247 rms=0.08
 Locality: Nagyveleg
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 10.9 | 110 | Pg | 21:31:36.56 | 0.07 |
| | | | Sg | 31:38.09 | 0.01 |
| PKST | 16.7 | 204 | Pg | 21:31:37.53 | 0.04 |
| | | | Sg | 31:39.76 | -0.12 |
| PKSG | 20.1 | 91 | Pg | 21:31:38.09 | 0.01 |
| | | | Sg | 31:40.73 | -0.19 |

506.

2021-04-18 time: 3:19:10.28 UTC ML= 0.9
 lat: 47.762N lon: 16.148E h= 9.9 km
 erh= 2.0km erz= 1.6km
 nr= 18 gap= 77 rms=0.75
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 13.1 | 122 | PgD | 3:19:13.42 | 0.21 |
| | | | Sg | 19:15.30 | -0.21 |
| CONA | 28.3 | 311 | Pg | 3:19:16.10 | 0.47 |
| | | | Sg | 19:19.67 | -0.13 |
| SOP | 32.0 | 106 | PgU | 3:19:16.47 | 0.21 |
| | | | Sg | 19:20.37 | -0.56 |
| WINA | 38.8 | 352 | Pg | 3:19:17.87 | 0.45 |
| | | | Sg | 19:22.85 | -0.15 |
| ARSA | 73.9 | 220 | Pg | 3:19:23.46 | -0.12 |
| | | | Sg | 19:31.94 | -2.02 |
| MODS | 108.2 | 51 | Pn | 3:19:29.60 | 0.07 |
| | | | Sn | 19:43.07 | -1.49 |
| ABNA | 114.1 | 332 | Pn | 3:19:29.49 | -0.78 |
| | | | Sn | 19:42.46 | -3.41 |
| MOA | 141.3 | 274 | Pn | 3:19:35.26 | 1.60 |
| | | | Sn | 19:52.05 | 0.14 |
| SOKA | 147.2 | 215 | Sn | 3:19:53.94 | 0.73 |
| GROS | 152.8 | 199 | Sn | 3:19:55.48 | 1.03 |

507.

2021-04-19 time: 6:05:38.79 UTC ML= 1.2
 lat: 47.301N lon: 18.339E h= 0.0 km
 erh= 0.8km erz= 2.4km
 nr= 9 gap=109 rms=0.35
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.1 | 319 | PgU | 6:05:40.39 | -0.02 |
| | | | Sg | 05:41.38 | -0.30 |
| PKSG | 10.8 | 21 | Pg | 6:05:40.84 | 0.12 |
| | | | Sg | 05:41.58 | -0.64 |
| PKST | 23.5 | 258 | Pg | 6:05:42.91 | -0.08 |
| | | | Sg | 05:46.42 | 0.15 |
| MORH | 122.9 | 169 | Sg | 6:06:17.73 | -0.13 |
| PKSM | 123.3 | 169 | Sg | 6:06:17.73 | -0.26 |
| PSZ | 135.6 | 60 | Pn | 6:06:03.57 | 0.84 |

508.

2021-04-19 time: 10:00:27.47 UTC ML= 1.5
 lat: 48.126N lon: 16.931E h= 0.0 km
 erh= 2.9km erz= 4.0km
 nr= 8 gap=151 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.7 | 43 | Pg | 10:00:34.84 | 0.63 |
| | | | Sg | 00:39.23 | -0.23 |
| RONA | 67.0 | 225 | Pg | 10:00:39.66 | 0.22 |
| | | | Sg | 00:48.44 | -0.34 |
| CONA | 82.7 | 255 | Pg | 10:00:42.87 | 0.63 |
| | | | Sg | 00:53.32 | -0.44 |
| KRUC | 111.3 | 339 | Sg | 10:01:01.45 | -1.41 |
| VYHS | 147.2 | 74 | Sn | 10:01:11.77 | -0.88 |

509.

2021-04-19 time: 11:16:02.45 UTC ML= 1.5
 lat: 48.384N lon: 19.810E h= 0.0 km
 erh= 0.9km erz= 269km
 nr= 7 gap=158 rms=0.18
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 51.2 | 78 | Pg | 11:16:11.74 | 0.15 |
| | | | Sg | 16:18.37 | -0.35 |
| PSZ | 52.1 | 173 | Pg | 11:16:11.94 | 0.18 |
| | | | Sg | 16:18.87 | -0.15 |
| VYHS | 73.1 | 280 | Sg | 11:16:25.50 | -0.20 |
| PENC | 76.8 | 211 | Sg | 11:16:26.81 | -0.06 |
| A338 | 115.9 | 249 | Sg | 11:16:39.33 | 0.04 |

510.

2021-04-19 time: 13:22:35.98 UTC ML= 1.2
 lat: 47.853N lon: 16.024E h= 0.0 km
 erh= 2.4km erz= 4.9km
 nr= 11 gap=118 rms=0.69
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 14.7 | 305 | PgU | 13:22:38.88 | 0.28 |
| | | | Sg | 22:41.73 | 1.08 |
| RONA | 26.6 | 130 | PgU | 13:22:40.82 | 0.09 |
| | | | Sg | 22:44.55 | 0.11 |
| WINA | 28.5 | 7 | Pg | 13:22:41.51 | 0.45 |
| | | | Sg | 22:45.67 | 0.64 |
| ARSA | 76.9 | 209 | Sg | 13:22:59.41 | -1.00 |

Hypocenter Parameters

Földregés paraméterek

ABNA 100.9 334 Pg 13:22:53.88 -0.11
 Sg 23:06.55 -1.49
 KRUC 137.2 12 Pn 13:23:00.05 -0.06
 Sn 23:16.46 -2.48

511.

2021-04-19 time: 19:18:17.36 UTC ML= 1.0
 lat: 47.763N lon: 16.164E h= 11.3 km
 erh= 2.3km erz= 2.0km
 nr= 10 gap=119 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 12.1 | 125 | PgD | 19:18:20.43 | | | 0.11 |
| | | | Sg | 18:22.33 | | | -0.30 |
| CONA | 29.2 | 309 | Pg | 19:18:23.34 | | | 0.39 |
| | | | Sg | 18:27.21 | | | -0.10 |
| WINA | 38.9 | 350 | Pg | 19:18:24.92 | | | 0.32 |
| | | | Sg | 18:29.79 | | | -0.45 |
| ARSA | 74.7 | 220 | Pg | 19:18:30.81 | | | -0.03 |
| | | | Sg | 18:39.60 | | | -1.76 |
| KRUC | 145.5 | 7 | Pn | 19:18:41.64 | | | 0.56 |
| | | | Sn | 18:58.45 | | | -1.14 |

512.

2021-04-19 time: 22:57:11.97 UTC ML= 4.2
 lat: 47.780N lon: 16.201E h= 10.9 km
 erh= 0.7km erz= 0.6km
 nr= 99 gap= 30 rms=0.55
 Locality: Austria
 Comments: felt 4 MIS/IIS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| RONA | 11.4 | 141 | PgD | 22:57:14.97 | | | 0.18 |
| | | | Sg | 57:17.08 | | | 0.08 |
| SOP | 28.9 | 112 | PgD | 22:57:17.83 | | | 0.35 |
| | | | Sg | 57:21.72 | | | -0.07 |
| CONA | 30.3 | 303 | PgU | 22:57:17.29 | | | -0.42 |
| | | | Sg | 57:21.54 | | | -0.66 |
| WINA | 37.6 | 345 | Pg | 22:57:19.31 | | | 0.34 |
| | | | Sg | 57:24.40 | | | -0.02 |
| ARSA | 77.9 | 221 | PgD | 22:57:24.63 | | | -1.39 |
| | | | Sg | 57:33.94 | | | -3.03* |
| EGYH | 94.1 | 115 | PgD | 22:57:29.16 | | | 0.27 |
| MODS | 103.9 | 51 | P*U | 22:57:29.65 | | | -0.85 |
| | | | S* | 57:44.57 | | | -0.38 |
| A339 | 109.1 | 87 | PnD | 22:57:31.37 | | | 0.16 |
| ABNA | 114.3 | 330 | Pn | 22:57:30.74 | | | -1.12 |
| | | | Sn | 57:44.43 | | | -2.94* |
| PNNH | 119.9 | 102 | PnD | 22:57:32.61 | | | 0.05 |
| | | | Sn | 57:47.60 | | | -1.01 |
| MPLH | 121.6 | 124 | PnU | 22:57:32.57 | | | -0.19 |
| | | | Sn | 57:47.87 | | | -1.12 |
| SMOL | 122.5 | 48 | ePn | 22:57:32.90 | | | 0.02 |
| | | | eSn | 57:49.60 | | | 0.40 |
| A337 | 129.3 | 66 | PnD | 22:57:34.19 | | | 0.46 |
| | | | Sn | 57:50.54 | | | -0.17 |
| KRUC | 143.3 | 6 | PnD | 22:57:35.45 | | | -0.02 |
| | | | Sn | 57:52.90 | | | -0.90 |
| MOA | 145.1 | 273 | Pn | 22:57:35.67 | | | -0.03 |
| | | | Sn | 57:53.00 | | | -1.21 |
| KOGS | 148.1 | 179 | PnU | 22:57:36.09 | | | 0.02 |
| | | | Sn | 57:54.72 | | | -0.15 |
| PKST | 149.8 | 113 | PnD | 22:57:36.41 | | | 0.13 |
| | | | Sn | 57:55.05 | | | -0.19 |
| SOKA | 151.1 | 216 | PnU | 22:57:36.30 | | | -0.15 |
| | | | Sn | 57:54.72 | | | -0.82 |
| PERS | 151.4 | 213 | PnU | 22:57:36.36 | | | -0.12 |
| | | | Sn | 57:55.27 | | | -0.34 |
| BEHE | 152.0 | 163 | PnU | 22:57:37.07 | | | 0.51 |
| | | | Sn | 57:55.31 | | | -0.43 |
| GROS | 155.9 | 200 | PnU | 22:57:36.93 | | | -0.12 |

| | | |
|------|-----------|------------------------|
| Sn | 57:56.32 | -0.29 |
| TIH | 161.0 127 | PnD 22:57:37.92 0.24 |
| CSKK | 161.8 107 | Pn 22:57:37.64 -0.14 |
| | | Sn 58:00.11 2.20 |
| A338 | 163.0 81 | Pn 22:57:37.94 0.01 |
| PKSG | 170.3 105 | PnD 22:57:38.85 0.01 |
| | | Sn 57:58.96 -0.84 |
| VRAC | 172.4 10 | PnC 22:57:39.04 -0.06 |
| TREC | 176.5 343 | ePn 22:57:40.60 0.99 |
| | | eSn 58:01.70 0.52 |
| OBKA | 188.8 222 | Pn 22:57:41.32 0.17 |
| | | Sn 58:06.03 2.12 |
| BIOA | 192.5 267 | Pn 22:57:42.56 0.96 |
| | | Sn 58:07.11 2.39 |
| GOLS | 201.5 193 | iPnC 22:57:42.95 0.22 |
| PKS9 | 205.9 130 | PnD 22:57:43.82 0.54 |
| PTJ | 209.8 185 | PnU 22:57:43.79 0.02 |
| VYHS | 211.6 68 | PnD 22:57:43.54 -0.45 |
| PKKS | 211.9 206 | iPn 22:57:44.49 0.46 |
| MOZS | 212.4 219 | iPn 22:57:44.60 0.51 |
| PBUD | 214.2 99 | Pn 22:57:44.70 0.38 |
| BUD | 214.7 99 | Pn 22:57:44.20 -0.18 |
| GCLS | 217.1 192 | iPn 22:57:44.74 0.07 |
| ZAG | 217.4 184 | Pn 22:57:45.07 0.35 |
| VNDS | 218.7 211 | iPn 22:57:45.41 0.53 |
| CRES | 224.5 195 | PnU 22:57:45.63 0.03 |
| PKB1 | 225.2 119 | Pn 22:57:45.68 0.00 |
| KBA | 229.2 250 | PnU 22:57:47.23 1.05 |
| | | Sn 58:17.55 4.69* |
| PENC | 230.9 90 | Pn 22:57:46.84 0.45 |
| LJU | 231.3 213 | iPn 22:57:47.12 0.67 |
| PKB4 | 231.5 128 | Pn 22:57:46.42 -0.05 |
| MYKA | 232.3 237 | Pn 22:57:46.87 0.30 |
| | | Sn 58:17.67 4.12* |
| PKB5 | 233.0 124 | Pn 22:57:46.54 -0.11 |
| GORS | 233.2 226 | iPnC 22:57:47.35 0.66 |
| ZVC | 236.6 321 | ePn 22:57:48.30 1.20 |
| | | eSn 58:14.10 -0.41 |
| KOVH | 237.2 142 | PnU 22:57:46.90 -0.29 |
| | | Sn 58:13.43 -1.23 |
| PKS7 | 237.8 110 | Pn 22:57:47.54 0.29 |
| CRNS | 239.8 218 | iPn 22:57:48.31 0.81 |
| MORC | 243.0 24 | Pn 22:57:48.37 0.47 |
| | | Sn 58:16.50 0.57 |
| VISS | 243.1 205 | iPnC 22:57:48.16 0.25 |
| GBAS | 245.1 213 | iPnC 22:57:48.61 0.45 |
| MORH | 254.5 133 | PnU 22:57:49.06 -0.28 |
| PKSM | 254.7 133 | PnU 22:57:49.04 -0.32 |
| KRLC | 258.8 9 | PnD 22:57:50.75 0.87 |
| | | Sn 58:19.57 0.13 |
| PKB2 | 261.1 118 | Pn 22:57:51.05 0.89 |
| | | Sn 58:20.10 0.15 |
| PKSV | 262.1 143 | PnU 22:57:50.33 0.04 |
| | | Sn 58:19.64 -0.54 |
| BOJS | 263.2 196 | iPn 22:57:50.55 0.13 |
| LESA | 267.9 262 | Pn 22:57:51.92 0.91 |
| | | Sn 58:21.39 -0.08 |
| GBRS | 271.7 203 | iPnC 22:57:51.81 0.33 |
| PKB3 | 272.8 124 | Pn 22:57:51.62 0.01 |
| PSZ | 276.9 87 | PnD 22:57:52.27 0.14 |
| PKS6 | 286.7 117 | Pn 22:57:53.47 0.11 |
| PKSN | 294.0 110 | Pn 22:57:54.84 0.58 |
| ABTA | 301.8 248 | Pn 22:57:55.91 0.67* |
| | | Sn 58:36.74 7.75* |
| KECS | 328.4 76 | Pn 22:57:58.74 0.18* |
| BLY | 345.3 167 | PnU 22:58:00.75 0.08* |
| WTTA | 348.5 261 | Pn 22:58:02.18 1.12* |
| WATA | 351.5 262 | Pn 22:58:02.71 1.27* |
| | | Sn 58:39.27 -0.75* |
| NIE | 353.9 59 | PnD 22:58:02.44 0.71* |
| | | Sn 58:41.26 0.72* |
| OJC | 378.1 44 | Pn 22:58:05.21 0.47* |
| ABAH | 380.1 81 | PnD 22:58:04.62 -0.38* |
| SQTA | 381.2 261 | Pn 22:58:06.04 0.90* |
| | | Sn 58:46.41 -0.21* |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|-------------|--------|
| MOTA | 386.6 | 263 | Pn | 22:58:07.13 | 1.32* |
| | | | Sn | 58:47.39 | -0.42* |
| FRGS | 404.1 | 137 | Pn | 22:58:07.62 | -0.37* |
| | | | Sn | 58:50.86 | -0.84* |
| RETA | 410.0 | 265 | Pn | 22:58:09.91 | 1.18* |
| FETA | 421.6 | 258 | Pn | 22:58:11.52 | 1.35* |
| | | | Sn | 58:55.22 | -0.35* |
| BORR | 428.3 | 100 | PnC | 22:58:11.64 | 0.64* |
| LTVH | 431.0 | 96 | Pn | 22:58:11.32 | -0.03* |
| SIRR | 447.8 | 112 | Pn | 22:58:13.30 | -0.14* |
| BANR | 462.7 | 125 | Pn | 22:58:15.98 | 0.68* |
| | | | Sn | 59:03.54 | -1.16* |
| BEO | 464.3 | 135 | Pn | 22:58:15.20 | -0.30* |
| | | | Sn | 59:04.84 | -0.22* |
| KOLS | 468.0 | 74 | ePn | 22:58:16.10 | 0.14* |
| | | | eSn | 59:06.00 | 0.13* |
| BZS | 479.0 | 120 | Pn | 22:58:17.26 | -0.07* |
| DAVA | 479.1 | 263 | Pn | 22:58:18.54 | 1.20* |
| DRGR | 504.6 | 103 | PnC | 22:58:21.43 | 0.90* |
| SURR | 505.5 | 116 | PnC | 22:58:20.45 | -0.18* |
| MESR | 513.6 | 98 | PnC | 22:58:21.38 | -0.27* |
| KWP | 521.3 | 67 | Pn | 22:58:23.79 | 1.18* |
| | | | Sn | 59:18.30 | 0.59* |
| MARR | 538.1 | 103 | PnD | 22:58:24.69 | -0.01* |
| MDVR | 540.0 | 128 | PnD | 22:58:25.87 | 0.94* |
| GZR | 569.6 | 118 | PnD | 22:58:29.29 | 0.67* |
| CJR | 572.5 | 102 | PnD | 22:58:29.32 | 0.33* |
| HERR | 577.0 | 124 | PnC | 22:58:30.70 | 1.15* |
| ARCR | 619.9 | 97 | PnC | 22:58:35.46 | 0.56* |
| LOT | 635.1 | 114 | PnD | 22:58:37.81 | 1.01* |
| PDG | 641.3 | 158 | PnD | 22:58:38.28 | 0.71* |
| TNR | 661.0 | 111 | PnC | 22:58:41.37 | 1.35* |
| BURA | 677.0 | 92 | PnC | 22:58:42.34 | 0.32* |
| BLKB | 683.9 | 133 | PnC | 22:58:43.60 | 0.72* |
| ARR | 699.9 | 113 | PnD | 22:58:45.26 | 0.38* |
| VOIR | 726.2 | 111 | PnC | 22:58:48.84 | 0.68* |
| DOPR | 728.9 | 106 | PnD | 22:58:48.76 | 0.27* |
| OZUR | 753.6 | 104 | PnC | 22:58:52.08 | 0.51* |
| BIZ | 754.0 | 97 | PnC | 22:58:52.08 | 0.46* |
| MLR | 788.4 | 109 | PnD | 22:58:56.89 | 0.98* |
| TESR | 805.0 | 100 | PnC | 22:58:58.89 | 0.92* |
| PLOR | 825.8 | 105 | PnD | 22:59:00.65 | 0.08* |
| VRI | 831.0 | 105 | PnC | 22:59:01.45 | 0.23* |
| CFR | 961.1 | 108 | PnC | 22:59:16.80 | -0.65* |

513.

2021-04-19 time: 22:58:55.34 UTC ML= 2.2
 lat: 47.777N lon: 16.170E h= 10.7 km
 erh= 2.3km erz= 2.1km
 nr= 11 gap= 86 rms=0.54
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.8 | 132 | PgD | 22:58:58.61 | 0.29 |
| | | | Sg | 59:00.59 | -0.05 |
| CONA | 28.6 | 306 | Pg | 22:59:01.34 | 0.56 |
| | | | Sg | 59:05.16 | 0.13 |
| SOP | 30.9 | 110 | Pg | 22:59:01.34 | 0.16 |
| | | | Sg | 59:05.33 | -0.41 |
| ARSA | 76.2 | 220 | Pg | 22:59:08.75 | -0.33 |
| | | | Sg | 59:17.74 | -2.06 |
| MODS | 105.8 | 51 | P* | 22:59:13.89 | -0.29 |
| KRUC | 143.8 | 7 | Sn | 22:59:36.99 | -0.35 |
| KOGS | 147.9 | 178 | Sn | 22:59:40.25 | 2.01 |

514.

2021-04-19 time: 23:00:48.16 UTC ML= 2.2
 lat: 47.796N lon: 16.166E h= 4.7 km
 erh= 2.1km erz= 2.0km
 nr= 19 gap= 84 rms=0.75
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.6 | 138 | PgD | 23:00:50.99 | 0.10 |
| | | | Sg | 00:53.00 | -0.02 |
| CONA | 27.1 | 303 | Pg | 23:00:53.73 | 0.67 |
| | | | Sg | 00:57.00 | 0.11 |
| SOP | 32.0 | 113 | Pg | 23:00:53.87 | -0.07 |
| | | | Sg | 00:57.85 | -0.60 |
| ARSA | 77.6 | 219 | Pg | 23:01:01.06 | -0.98 |
| | | | Sg | 01:09.87 | -3.00 |
| EGYH | 97.3 | 116 | Pg | 23:01:05.96 | 0.41 |
| MODS | 104.8 | 52 | Pg | 23:01:06.76 | -0.13 |
| | | | Sg | 01:20.54 | -0.96 |
| MPLH | 124.8 | 124 | Sn | 23:01:26.38 | -0.92 |
| KRUC | 141.7 | 7 | Pn | 23:01:11.83 | -0.43 |
| | | | Sn | 01:28.90 | -2.16 |
| KOGS | 150.0 | 178 | Pn | 23:01:14.19 | 0.90 |
| | | | Sn | 01:32.81 | -0.09 |
| PERS | 151.5 | 212 | Pn | 23:01:14.49 | 1.01 |
| PKST | 152.9 | 113 | Pn | 23:01:14.89 | 1.24 |
| | | | Sn | 01:33.70 | 0.16 |

515.

2021-04-19 time: 23:01:26.34 UTC ML= 1.4
 lat: 47.742N lon: 16.163E h= 12.6 km
 erh= 1.5km erz= 1.3km
 nr= 10 gap=106 rms=0.33
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 11.0 | 115 | PgD | 23:01:29.59 | 0.26 |
| | | | Sg | 01:31.52 | -0.13 |
| SOP | 30.4 | 102 | Pg | 23:01:32.27 | 0.06 |
| | | | Sg | 01:36.44 | -0.34 |
| CONA | 30.7 | 313 | Pg | 23:01:32.42 | 0.16 |
| | | | Sg | 01:36.92 | 0.04 |
| ARSA | 72.8 | 221 | Pg | 23:01:39.60 | 0.06 |
| | | | Sg | 01:48.84 | -1.00 |
| MODS | 108.8 | 50 | Pn | 23:01:45.57 | 0.23 |
| | | | Sn | 01:59.16 | -0.99 |

516.

2021-04-19 time: 23:05:35.79 UTC ML= 2.1
 lat: 47.798N lon: 16.193E h= 8.7 km
 erh= 1.1km erz= 0.9km
 nr= 48 gap= 40 rms=0.67
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.4 | 144 | PgD | 23:05:38.88 | 0.24 |
| | | | Sg | 05:40.71 | -0.16 |
| CONA | 28.7 | 300 | Pg | 23:05:41.26 | 0.11 |
| | | | Sg | 05:44.76 | -0.57 |
| SOP | 30.2 | 115 | Pg | 23:05:41.87 | 0.46 |
| | | | Sg | 05:45.66 | -0.13 |
| WINA | 35.6 | 345 | Pg | 23:05:43.24 | 0.91 |
| | | | Sg | 05:48.30 | 0.86 |
| ARSA | 79.0 | 220 | Pg | 23:05:48.73 | -1.25 |
| | | | Sg | 05:58.19 | -2.86 |
| EGYH | 95.5 | 116 | Pg | 23:05:53.48 | 0.56 |
| | | | Sg | 06:05.23 | -1.05 |
| MODS | 103.1 | 52 | Pg | 23:05:53.86 | -0.41 |
| | | | Sg | 06:07.17 | -1.52 |
| ABNA | 112.3 | 330 | Pn | 23:05:54.90 | -0.81 |
| | | | Sn | 06:08.90 | -2.35 |
| SMOL | 121.7 | 49 | ePn | 23:05:57.80 | 0.92 |
| | | | eSn | 06:13.50 | 0.17 |
| MPLH | 123.2 | 124 | Pn | 23:05:56.64 | -0.43 |
| | | | Sn | 06:12.90 | -0.76 |
| A337 | 129.1 | 67 | Pn | 23:05:58.28 | 0.47 |
| | | | Sn | 06:14.93 | -0.05 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|-------------|-------|
| KRUC | 141.4 | 6 | PnD | 23:05:59.33 | -0.01 |
| | | | Sn | 06:16.81 | -0.90 |
| MOA | 144.4 | 272 | Pn | 23:06:00.27 | 0.56 |
| | | | Sn | 06:17.78 | -0.59 |
| KOGS | 150.1 | 178 | Pn | 23:06:00.13 | -0.29 |
| | | | Sn | 06:20.10 | 0.47 |
| PKST | 151.1 | 113 | Pn | 23:06:01.12 | 0.57 |
| SOKA | 152.3 | 215 | Pn | 23:06:00.52 | -0.18 |
| PERS | 152.7 | 212 | Pn | 23:06:00.76 | 0.01 |
| | | | Sn | 06:19.02 | -1.20 |
| BEHE | 154.0 | 163 | Pn | 23:06:01.29 | 0.37 |
| GROS | 157.6 | 199 | Pn | 23:06:01.00 | -0.36 |
| | | | Sn | 06:20.93 | -0.37 |
| CSKK | 162.9 | 107 | Sn | 23:06:23.41 | 0.93 |
| TREC | 174.5 | 343 | ePn | 23:06:04.40 | 0.94 |
| OBKA | 189.9 | 221 | Pn | 23:06:05.64 | 0.25 |
| | | | Sn | 06:30.36 | 1.89 |
| BIOA | 191.9 | 266 | Pn | 23:06:06.22 | 0.58 |
| | | | Sn | 06:30.35 | 1.43 |
| CRES | 226.2 | 194 | Pn | 23:06:10.37 | 0.45 |
| KBA | 229.2 | 250 | Sn | 23:06:38.00 | 0.80 |
| KOVH | 239.1 | 143 | Pn | 23:06:11.14 | -0.39 |
| MORH | 256.3 | 133 | Pn | 23:06:13.77 | 0.11 |
| PKSM | 256.4 | 133 | Pn | 23:06:13.41 | -0.27 |
| KRLC | 257.0 | 10 | Pn | 23:06:14.25 | 0.50 |
| PKSV | 264.0 | 143 | Pn | 23:06:14.31 | -0.32 |

517.

2021-04-19 time: 23:06:17.39 UTC ML= 1.8
 lat: 47.799N lon: 16.190E h= 7.8 km
 erh= 1.8km erz= 1.6km
 nr= 18 gap= 81 rms=0.66
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 13.7 | 144 | PgU | 23:06:20.59 | 0.40 |
| | | | Sg | 06:22.57 | 0.19 |
| CONA | 28.4 | 300 | Pg | 23:06:23.20 | 0.54 |
| | | | Sg | 06:26.69 | -0.07 |
| SOP | 30.5 | 115 | Pg | 23:06:23.32 | 0.31 |
| | | | Sg | 06:27.54 | 0.15 |
| ARSA | 79.0 | 219 | Pg | 23:06:30.43 | -1.14 |
| | | | Sg | 06:39.44 | -3.19* |
| EGYH | 95.8 | 116 | Pg | 23:06:34.67 | 0.12 |
| | | | Sg | 06:47.25 | -0.69 |
| MODS | 103.2 | 52 | Pg | 23:06:35.60 | -0.26 |
| | | | Sg | 06:49.20 | -1.07 |
| MPLH | 123.4 | 125 | Sn | 23:06:55.23 | -0.31 |
| KRUC | 141.2 | 6 | Pn | 23:06:41.22 | 0.18 |
| | | | Sn | 06:58.74 | -0.74 |
| PKST | 151.3 | 113 | Sn | 23:07:02.71 | 0.98 |
| GROS | 157.7 | 199 | Pn | 23:06:44.54 | 1.45 |
| | | | Sn | 07:02.76 | -0.38 |

518.

2021-04-19 time: 23:08:06.50 UTC ML= 0.8
 lat: 47.750N lon: 16.144E h= 12.9 km
 erh= 1.9km erz= 1.7km
 nr= 10 gap=104 rms=0.39
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.7 | 116 | PgD | 23:08:09.95 | 0.21 |
| | | | Sg | 08:11.90 | -0.36 |
| CONA | 29.0 | 313 | Pg | 23:08:12.43 | 0.26 |
| | | | Sg | 08:16.05 | -0.53 |
| SOP | 32.0 | 103 | Pg | 23:08:12.85 | 0.19 |
| | | | Sg | 08:17.17 | -0.28 |
| ARSA | 72.6 | 220 | Pg | 23:08:19.81 | 0.13 |
| | | | Sg | 08:28.52 | -1.43 |
| KRUC | 147.0 | 7 | Pn | 23:08:30.58 | 0.35 |

519.

2021-04-19 time: 23:10:41.01 UTC ML= 1.9
 lat: 47.789N lon: 16.178E h= 9.0 km
 erh= 1.5km erz= 1.3km
 nr= 18 gap= 84 rms=0.55
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 13.3 | 138 | PgD | 23:10:44.01 | 0.13 |
| | | | Sg | 10:46.02 | -0.10 |
| CONA | 28.3 | 303 | Pg | 23:10:46.79 | 0.48 |
| | | | Sg | 10:50.43 | -0.01 |
| SOP | 30.9 | 112 | Pg | 23:10:47.02 | 0.27 |
| | | | Sg | 10:50.99 | -0.24 |
| ARSA | 77.5 | 219 | Pg | 23:10:54.05 | -0.90 |
| | | | Sg | 11:03.19 | -2.63* |
| EGYH | 96.1 | 115 | Pg | 23:10:58.37 | 0.12 |
| | | | Sg | 11:10.92 | -0.77 |
| MODS | 104.6 | 52 | Pg | 23:11:00.12 | 0.37 |
| | | | Sg | 11:13.23 | -1.15 |
| MPLH | 123.6 | 124 | Sn | 23:11:18.90 | 0.01 |
| KRUC | 142.5 | 6 | Pn | 23:11:04.84 | 0.19 |
| | | | Sn | 11:22.07 | -1.02 |
| KOGS | 149.1 | 178 | Pn | 23:11:06.30 | 0.82 |
| | | | Sn | 11:25.23 | 0.66 |
| PERS | 151.3 | 212 | Sn | 23:11:25.23 | 0.18 |

520.

2021-04-19 time: 23:11:23.76 UTC ML= 2.2
 lat: 47.805N lon: 16.191E h= 5.3 km
 erh= 1.8km erz= 1.5km
 nr= 46 gap= 67 rms=0.98
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.2 | 146 | PgD | 23:11:27.06 | 0.59 |
| | | | Sg | 11:29.01 | 0.43 |
| CONA | 28.2 | 299 | Pg | 23:11:29.26 | 0.38 |
| | | | Sg | 11:32.94 | 0.07 |
| SOP | 30.7 | 116 | PgD | 23:11:29.82 | 0.48 |
| | | | Sg | 11:33.63 | -0.05 |
| ARSA | 79.5 | 219 | Pg | 23:11:36.70 | -1.30 |
| | | | Sg | 11:45.60 | -3.51 |
| EGYH | 96.1 | 117 | Pg | 23:11:41.50 | 0.56 |
| | | | Sg | 11:53.26 | -1.08 |
| MODS | 102.7 | 52 | Pg | 23:11:42.11 | -0.02 |
| | | | Sg | 11:55.33 | -1.13 |
| A339 | 109.8 | 89 | Pg | 23:11:42.85 | -0.54 |
| PNNH | 121.2 | 103 | Sn | 23:12:00.70 | -1.28 |
| MPLH | 123.8 | 125 | Pn | 23:11:45.02 | -0.53 |
| | | | Sn | 12:01.09 | -1.45 |
| A337 | 128.9 | 68 | Pn | 23:11:46.41 | 0.22 |
| KRUC | 140.6 | 6 | Pn | 23:11:47.51 | -0.13 |
| | | | Sn | 12:04.39 | -1.87 |
| KOGS | 150.9 | 178 | Pn | 23:11:49.47 | 0.54 |
| | | | Sn | 12:07.95 | -0.62 |
| PKST | 151.5 | 114 | Pn | 23:11:48.64 | -0.37 |
| | | | Sn | 12:08.67 | -0.03 |
| SOKA | 152.9 | 215 | Pn | 23:11:48.70 | -0.48 |
| PERS | 153.3 | 212 | Pn | 23:11:49.12 | -0.12 |
| BEHE | 154.9 | 163 | Pn | 23:11:51.14 | 1.71 |
| | | | Sn | 12:10.03 | 0.58 |
| GROS | 158.3 | 199 | Pn | 23:11:49.89 | 0.04 |
| | | | Sn | 12:09.58 | -0.62 |
| CSKK | 163.3 | 108 | Sn | 23:12:12.60 | 1.29 |
| PKSG | 171.7 | 106 | Sn | 23:12:14.34 | 1.16 |
| VYHS | 211.3 | 69 | Pn | 23:12:00.17 | 3.72 |
| | | | Sn | 12:26.77 | 4.82* |
| PTJ | 212.5 | 185 | Pn | 23:12:00.24 | 3.62 |

Földrengés paraméterek

| | sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|------|-----|-------|-------------|----|-------|-----|
| CRES | 227.0 | 194 | | | 23:11:58.56 | | 0.14 | |
| | | | | | 12:25.55 | | 3.31 | |
| | | | | | 23:11:58.56 | | 0.14 | |
| | | | | | 12:29.70 | | 4.24 | |
| PKB1 | 227.2 | 120 | | | 23:11:57.97 | | -0.47 | |
| KBA | 229.4 | 249 | | | 23:11:59.01 | | 0.30 | |
| | | | | | 12:29.80 | | 3.83 | |
| KOVH | 239.9 | 143 | | | 23:11:59.26 | | -0.77 | |
| MORC | 240.7 | 24 | | | 23:12:00.97 | | 0.84 | |
| | | | | | 12:28.63 | | 0.14 | |
| KRLC | 256.2 | 10 | | | 23:12:02.78 | | 0.73 | |
| | | | | | 12:31.48 | | -0.44 | |
| PKSV | 264.8 | 144 | | | 23:12:02.42 | | -0.71 | |

521.

2021-04-19 time: 23:13:10.87 UTC ML= 0.9
 lat: 47.750N lon: 16.159E h= 13.0 km
 erh= 1.7km erz= 1.3km
 nr= 10 gap=112 rms=0.35
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| RONA | 11.7 | 119 | PgD | 23:13:14.19 | | 0.19 | |
| | | | | 13:16.20 | | -0.24 | |
| | | | | 23:13:16.86 | | 0.18 | |
| | | | | 13:21.38 | | 0.17 | |
| CONA | 29.8 | 312 | Pg | 23:13:18.65 | | 0.23 | |
| | | | | 13:23.60 | | -0.71 | |
| WINA | 40.2 | 351 | Pg | 23:13:24.18 | | 0.00 | |
| | | | | 13:33.06 | | -1.50 | |
| ARSA | 73.4 | 221 | Pg | 23:13:34.80 | | 0.24 | |
| | | | | 13:52.59 | | -0.44 | |
| | | | | | | | |

522.

2021-04-19 time: 23:18:38.25 UTC ML= 1.3
 lat: 47.767N lon: 16.170E h= 11.8 km
 erh= 1.6km erz= 1.2km
 nr= 20 gap= 92 rms=0.59
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.1 | 129 | Pg | 23:18:41.65 | | 0.38 | |
| | | | | 18:43.46 | | -0.16 | |
| | | | | 23:18:44.16 | | 0.28 | |
| | | | | 18:48.23 | | -0.05 | |
| CONA | 29.2 | 308 | Pg | 23:18:44.41 | | 0.31 | |
| | | | | 18:48.38 | | -0.29 | |
| SOP | 30.6 | 108 | Pg | 23:18:45.77 | | 0.33 | |
| | | | | 18:50.78 | | -0.27 | |
| WINA | 38.5 | 349 | Pg | 23:18:51.64 | | -0.24 | |
| | | | | 19:00.53 | | -1.97 | |
| ARSA | 75.4 | 220 | Pg | 23:19:08.46 | | -0.39 | |
| | | | | 23:19:08.46 | | -0.39 | |
| EGYH | 95.6 | 114 | S* | 23:18:57.37 | | 0.31 | |
| | | | | 19:10.41 | | -1.32 | |
| MODS | 106.5 | 51 | Pn | 23:18:57.58 | | -0.46 | |
| | | | | 19:10.88 | | -2.59 | |
| ABNA | 114.4 | 331 | Pn | 23:19:16.10 | | 0.25 | |
| | | | | 19:20.33 | | 0.52 | |
| SMOL | 125.1 | 48 | eSn | 23:19:02.86 | | 1.26 | |
| MOA | 143.0 | 274 | Pn | 23:19:02.09 | | 0.25 | |
| | | | | 19:19.66 | | -0.58 | |
| | | | | | | | |

523.

2021-04-19 time: 23:21:36.01 UTC ML= 1.5
 lat: 47.768N lon: 16.164E h= 12.6 km
 erh= 2.4km erz= 1.7km
 nr= 21 gap= 92 rms=0.87
 Locality: Austria
 Comments:

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.5 | 127 | Pg | 23:21:39.40 | | 0.23 | |
| | | | | 21:41.57 | | -0.07 | |
| | | | | 23:21:42.12 | | 0.50 | |
| | | | | 21:46.39 | | 0.40 | |
| CONA | 28.8 | 308 | Pg | 23:21:42.63 | | 0.64 | |
| | | | | 21:46.31 | | -0.34 | |
| SOP | 31.1 | 108 | Pg | 23:21:41.36 | | -1.85 | |
| | | | | 21:48.85 | | 0.03 | |
| WINA | 38.3 | 350 | Pg | 23:21:49.30 | | -0.31 | |
| | | | | 21:57.97 | | -2.24 | |
| ARSA | 75.1 | 220 | Pg | 23:21:54.23 | | 1.03 | |
| | | | | 22:06.23 | | -0.38 | |
| EGYH | 96.1 | 114 | P* | 23:21:54.83 | | 0.07 | |
| | | | | 22:07.93 | | -1.45 | |
| MODS | 106.9 | 51 | Pn | 23:21:55.72 | | 0.06 | |
| | | | | 22:09.51 | | -1.48 | |
| ABNA | 114.1 | 332 | Pn | 23:22:00.82 | | 1.62 | |
| | | | | 22:17.58 | | 0.29 | |
| MOA | 142.5 | 274 | Pn | 23:22:00.15 | | 0.65 | |
| | | | | 22:17.00 | | -0.82 | |
| KRUC | 144.9 | 7 | Pn | 23:22:31.43 | | 3.67* | |
| | | | | | | | |

524.

2021-04-19 time: 23:26:24.77 UTC ML= 1.1
 lat: 47.734N lon: 16.139E h= 14.7 km
 erh= 1.6km erz= 1.1km
 nr= 13 gap=109 rms=0.42
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.4 | 108 | PgD | 23:26:28.46 | | 0.25 | |
| | | | | 26:30.41 | | -0.48 | |
| | | | | 23:26:30.89 | | 0.16 | |
| | | | | 26:34.96 | | -0.42 | |
| CONA | 30.0 | 316 | Pg | 23:26:31.39 | | 0.34 | |
| | | | | 26:35.41 | | -0.55 | |
| SOP | 32.0 | 100 | Pg | 23:26:38.24 | | 0.53 | |
| | | | | 26:47.11 | | -0.70 | |
| ARSA | 71.0 | 221 | Pg | 23:26:54.89 | | -0.20 | |
| | | | | 23:26:43.84 | | 0.11 | |
| EGYH | 96.4 | 111 | S* | 26:57.95 | | -0.56 | |
| MODS | 110.7 | 50 | Pn | 23:26:48.79 | | 0.31 | |
| | | | | 27:05.84 | | -1.14 | |
| KRUC | 148.9 | 7 | Pn | | | | |
| | | | | | | | |

525.

2021-04-19 time: 23:33:38.95 UTC ML= 0.6
 lat: 47.796N lon: 16.190E h= 10.1 km
 erh= 7.1km erz= 4.9km
 nr= 8 gap=158 rms=0.36
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 13.3 | 143 | PgD | 23:33:41.90 | | -0.04 | |
| | | | | 33:43.71 | | -0.56 | |
| | | | | 23:33:44.66 | | 0.28 | |
| | | | | 33:48.23 | | -0.37 | |
| CONA | 28.6 | 301 | Pg | 23:33:44.82 | | 0.16 | |
| | | | | 33:48.93 | | -0.19 | |
| SOP | 30.3 | 114 | PgU | 23:34:02.84 | | 0.48 | |
| | | | | 34:19.81 | | -0.80 | |
| KRUC | 141.6 | 6 | Pn | | | | |
| | | | | | | | |

526.

2021-04-19 time: 23:43:38.00 UTC ML= 2.0
 lat: 47.796N lon: 16.198E h= 8.2 km
 erh= 1.3km erz= 1.0km
 nr= 47 gap= 39 rms=0.76
 Locality: Austria
 Comments:

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 13.0 | 146 | Pg | 23:43:41.01 | | | 0.27 |
| | | | Sg | 43:43.05 | | | 0.18 |
| CONA | 29.2 | 300 | Pg | 23:43:43.14 | | | -0.27 |
| | | | Sg | 43:47.67 | | | 0.04 |
| SOP | 29.8 | 115 | Pg | 23:43:43.96 | | | 0.45 |
| | | | Sg | 43:47.91 | | | 0.10 |
| WINA | 35.9 | 345 | Pg | 23:43:45.29 | | | 0.72 |
| | | | Sg | 43:50.27 | | | 0.58 |
| ARSA | 79.1 | 220 | Pg | 23:43:50.86 | | | -1.34 |
| | | | Sg | 43:59.86 | | | -3.42 |
| EGYH | 95.1 | 116 | Pg | 23:43:55.16 | | | 0.12 |
| | | | Sg | 44:07.55 | | | -0.78 |
| MODS | 102.9 | 51 | Pg | 23:43:56.11 | | | -0.32 |
| | | | Sg | 44:09.26 | | | -1.55 |
| ABNA | 112.7 | 330 | Pn | 23:43:56.92 | | | -1.11 |
| | | | Sn | 44:10.33 | | | -3.33 |
| PNNH | 120.4 | 103 | Sn | 23:44:15.03 | | | -0.36 |
| SMOL | 121.5 | 49 | ePn | 23:43:59.90 | | | 0.77 |
| | | | eSn | 44:15.80 | | | 0.18 |
| MPLH | 122.7 | 125 | Pn | 23:43:59.16 | | | -0.13 |
| | | | Sn | 44:15.38 | | | -0.51 |
| A337 | 128.8 | 67 | Sn | 23:44:17.49 | | | 0.25 |
| KRUC | 141.5 | 6 | Pn | 23:44:01.41 | | | -0.22 |
| | | | Sn | 44:18.89 | | | -1.18 |
| MOA | 144.8 | 272 | Pn | 23:44:02.01 | | | -0.03 |
| | | | Sn | 44:20.07 | | | -0.73 |
| KOGS | 149.9 | 178 | Pn | 23:44:03.57 | | | 0.90 |
| | | | Sn | 44:22.66 | | | 0.74 |
| PKST | 150.6 | 113 | Pn | 23:44:03.28 | | | 0.52 |
| | | | Sn | 44:23.48 | | | 1.40 |
| SOKA | 152.4 | 215 | Pn | 23:44:02.75 | | | -0.24 |
| | | | Sn | 44:20.23 | | | -2.26 |
| PERS | 152.8 | 212 | Pn | 23:44:03.63 | | | 0.59 |
| GROS | 157.5 | 200 | Pn | 23:44:04.22 | | | 0.59 |
| | | | Sn | 44:23.92 | | | 0.30 |
| OBKA | 190.0 | 221 | Pn | 23:44:07.35 | | | -0.33 |
| | | | Sn | 44:32.73 | | | 1.90 |
| BIOA | 192.3 | 267 | Pn | 23:44:09.00 | | | 1.03 |
| | | | Sn | 44:32.71 | | | 1.36 |
| KBA | 229.6 | 250 | Pn | 23:44:13.33 | | | 0.72 |
| | | | Sn | 44:43.27 | | | 3.66* |
| KOVH | 238.7 | 143 | Pn | 23:44:13.63 | | | -0.12 |
| MORH | 255.8 | 133 | Pn | 23:44:15.26 | | | -0.63 |
| PKSM | 256.0 | 133 | Pn | 23:44:15.41 | | | -0.50 |
| KRLC | 257.1 | 10 | Pn | 23:44:16.52 | | | 0.48 |
| PKSV | 263.6 | 144 | Pn | 23:44:17.05 | | | 0.19 |
| LESA | 268.0 | 261 | Pn | 23:44:17.87 | | | 0.47 |
| WTTA | 348.6 | 260 | Pn | 23:44:29.10 | | | 1.65* |
| | | | Sn | 45:06.60 | | | 0.57* |

527.

2021-04-19 time: 23:56:24.08 UTC ML= 1.0
 lat: 47.750N lon: 16.167E h= 14.5 km
 erh= 1.7km erz= 1.3km
 nr= 16 gap=101 rms=0.51
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 11.2 | 120 | Pg | 23:56:27.62 | | | 0.27 |
| | | | Sg | 56:29.52 | | | -0.38 |
| CONA | 30.2 | 311 | Pg | 23:56:30.25 | | | 0.18 |
| | | | Sg | 56:34.94 | | | 0.20 |
| SOP | 30.3 | 104 | Pg | 23:56:30.27 | | | 0.20 |
| | | | Sg | 56:34.46 | | | -0.29 |
| WINA | 40.3 | 350 | Pg | 23:56:31.92 | | | 0.19 |
| | | | Sg | 56:36.91 | | | -0.79 |
| ARSA | 73.8 | 221 | Pg | 23:56:37.65 | | | 0.15 |
| | | | Sg | 56:46.39 | | | -1.58 |
| MODS | 108.0 | 50 | Pn | 23:56:43.12 | | | 0.39 |
| | | | Sn | 56:56.28 | | | -0.99 |
| ABNA | 116.0 | 332 | Pn | 23:56:43.82 | | | 0.10 |
| | | | Sn | 56:56.62 | | | -2.43 |

KRUC 146.8 7 Pn 23:56:48.23 0.66
 Sn 57:05.55 -0.35

528.

2021-04-19 time: 23:59:02.34 UTC ML= 0.5
 lat: 47.773N lon: 16.183E h= 7.9 km
 erh= 5.0km erz= 3.1km
 nr= 7 gap=172 rms=0.21
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 11.8 | 134 | Pg | 23:59:04.93 | | | 0.05 |
| | | | Sg | 59:06.79 | | | -0.07 |
| CONA | 29.6 | 306 | Pg | 23:59:07.75 | | | -0.06 |
| | | | Sg | 59:11.93 | | | -0.15 |
| SOP | 29.9 | 109 | Pg | 23:59:08.25 | | | 0.38 |
| | | | Sg | 59:11.74 | | | -0.43 |
| KRUC | 144.2 | 6 | Pn | 23:59:26.29 | | | -0.05 |

529.

2021-04-20 time: 0:18:16.96 UTC ML= 0.7
 lat: 47.760N lon: 16.167E h= 12.6 km
 erh= 1.6km erz= 1.5km
 nr= 8 gap=100 rms=0.29
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 11.8 | 125 | Pg | 0:18:20.30 | | | 0.25 |
| | | | Sg | 18:22.19 | | | -0.27 |
| CONA | 29.5 | 309 | Pg | 0:18:22.88 | | | 0.18 |
| | | | Sg | 18:26.97 | | | -0.20 |
| SOP | 30.6 | 106 | Pg | 0:18:27.51 | | | 0.03 |
| ARSA | 74.6 | 221 | Pg | 0:18:30.58 | | | 0.11 |
| | | | Sg | 18:39.87 | | | -1.14 |
| KRUC | 145.7 | 7 | Sn | 0:18:58.67 | | | -0.28 |

530.

2021-04-20 time: 0:35:02.12 UTC ML= 1.2
 lat: 47.781N lon: 16.157E h= 9.1 km
 erh= 1.6km erz= 1.6km
 nr= 14 gap=103 rms=0.46
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.8 | 131 | Pg | 0:35:05.11 | | | 0.05 |
| | | | Sg | 35:06.99 | | | -0.38 |
| CONA | 27.5 | 307 | Pg | 0:35:07.38 | | | 0.09 |
| | | | Sg | 35:11.52 | | | 0.20 |
| SOP | 32.0 | 110 | Pg | 0:35:07.96 | | | -0.09 |
| | | | Sg | 35:12.15 | | | -0.53 |
| WINA | 36.8 | 350 | Pg | 0:35:09.34 | | | 0.45 |
| | | | Sg | 35:14.31 | | | 0.14 |
| ARSA | 75.9 | 219 | Pg | 0:35:15.23 | | | -0.53 |
| | | | Sg | 35:24.73 | | | -1.68 |
| EGYH | 97.2 | 115 | Pg | 0:35:20.14 | | | 0.60 |
| KRUC | 143.5 | 7 | Pn | 0:35:25.92 | | | 0.03 |
| | | | Sn | 35:43.22 | | | -1.21 |
| GROS | 154.9 | 199 | Pn | 0:35:27.89 | | | 0.58 |

531.

2021-04-20 time: 0:55:51.10 UTC ML= 0.8
 lat: 47.739N lon: 16.134E h= 10.9 km
 erh= 1.0km erz= 1.1km
 nr= 9 gap=111 rms=0.20
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| RONA | 13.0 | 110 | Pg | 0:55:54.15 | 0.02 |
| | | | Sg | 55:56.24 | -0.25 |
| CONA | 29.3 | 316 | Pg | 0:55:56.80 | 0.12 |
| | | | Sg | 56:00.89 | -0.14 |
| SOP | 32.5 | 101 | Pg | 0:55:57.31 | 0.09 |
| ARSA | 71.2 | 220 | Pg | 0:56:04.23 | 0.27 |
| | | | Sg | 56:13.59 | -0.40 |
| KRUC | 148.4 | 8 | Pn | 0:56:15.09 | -0.14 |
| | | | Sn | 56:32.04 | -2.02* |

532.

2021-04-20 time: 1:06:38.93 UTC ML= 2.0
 lat: 47.788N lon: 16.169E h= 7.6 km
 erh= 1.2km erz= 1.1km
 nr= 46 gap= 46 rms=0.73
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 13.7 | 136 | PgD | 1:06:42.00 | 0.27 |
| | | | Sg | 06:43.95 | 0.04 |
| CONA | 27.8 | 304 | Pg | 1:06:44.57 | 0.49 |
| | | | Sg | 06:48.15 | 0.06 |
| SOP | 31.5 | 112 | PgU | 1:06:44.93 | 0.22 |
| | | | Sg | 06:48.86 | -0.36 |
| WINA | 36.2 | 349 | Pg | 1:06:46.32 | 0.78 |
| | | | Sg | 06:51.42 | 0.72 |
| ARSA | 77.0 | 219 | Pg | 1:06:51.79 | -0.96 |
| | | | Sg | 07:00.63 | -2.90 |
| EGYH | 96.7 | 115 | Pg | 1:06:56.37 | 0.12 |
| | | | Sg | 07:08.31 | -1.45 |
| MODS | 105.2 | 52 | Pg | 1:06:57.23 | -0.54 |
| | | | Sg | 07:11.18 | -1.28 |
| ABNA | 112.3 | 331 | Pn | 1:06:57.96 | -1.05 |
| | | | Sn | 07:11.41 | -3.26 |
| SMOL | 123.7 | 49 | ePn | 1:07:00.60 | 0.17 |
| | | | eSn | 07:16.90 | -0.29 |
| MPLH | 124.1 | 124 | Pn | 1:07:00.05 | -0.42 |
| | | | Sn | 07:16.96 | -0.31 |
| MOA | 142.7 | 273 | Pn | 1:07:03.36 | 0.57 |
| | | | Sn | 07:20.29 | -1.11 |
| KRUC | 142.7 | 7 | Pn | 1:07:02.64 | -0.15 |
| | | | Sn | 07:19.49 | -1.91 |
| KOGS | 149.1 | 178 | Pn | 1:07:03.70 | 0.11 |
| | | | Sn | 07:22.26 | -0.56 |
| SOKA | 150.4 | 215 | Pn | 1:07:03.88 | 0.12 |
| PERS | 150.8 | 212 | Pn | 1:07:04.05 | 0.24 |
| PKST | 152.3 | 113 | Pn | 1:07:05.18 | 1.19 |
| | | | Sn | 07:24.10 | 0.56 |
| GROS | 155.9 | 199 | Pn | 1:07:04.94 | 0.49 |
| | | | Sn | 07:23.86 | -0.49 |
| CSKK | 164.3 | 107 | Sn | 1:07:27.05 | 0.85 |
| A338 | 165.2 | 81 | Sn | 1:07:28.00 | 1.59 |
| TREC | 175.0 | 343 | ePn | 1:07:06.90 | 0.08 |
| | | | eSn | 07:27.80 | -0.77 |
| OBKA | 187.9 | 221 | Pn | 1:07:09.30 | 0.87 |
| BIOA | 190.1 | 267 | Pn | 1:07:09.55 | 0.85 |
| | | | Sn | 07:32.79 | 0.87 |
| CRES | 224.8 | 194 | Pn | 1:07:13.40 | 0.37 |
| ZVC | 234.4 | 322 | ePn | 1:07:16.30 | 2.07 |
| KOVH | 239.4 | 142 | Pn | 1:07:14.47 | -0.38 |
| MORC | 243.1 | 25 | Sn | 1:07:43.65 | -0.05 |
| MORH | 256.9 | 133 | Pn | 1:07:16.54 | -0.49 |
| PKSM | 257.0 | 133 | Pn | 1:07:16.54 | -0.51 |
| KRLC | 258.3 | 10 | Pn | 1:07:18.08 | 0.87 |

533.

2021-04-20 time: 1:22:16.72 UTC ML= 1.7
 lat: 47.810N lon: 16.176E h= 5.6 km
 erh= 1.7km erz= 1.6km
 nr= 33 gap= 61 rms=0.87
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 15.2 | 143 | PgD | 1:22:19.56 | -0.05 |
| | | | Sg | 22:21.57 | -0.30 |
| CONA | 27.0 | 299 | Pg | 1:22:22.13 | 0.49 |
| | | | Sg | 22:25.72 | 0.25 |
| SOP | 31.9 | 116 | Pg | 1:22:22.58 | 0.07 |
| | | | Sg | 22:26.63 | -0.40 |
| WINA | 34.0 | 347 | Pg | 1:22:24.02 | 1.15 |
| | | | Sg | 22:29.06 | 1.39 |
| ARSA | 79.2 | 218 | Pg | 1:22:29.50 | -1.40 |
| | | | Sg | 22:38.96 | -3.01 |
| EGYH | 97.3 | 117 | Pg | 1:22:34.75 | 0.63 |
| | | | Sg | 22:46.65 | -1.03 |
| MODS | 103.3 | 53 | Pg | 1:22:34.99 | -0.20 |
| | | | Sg | 22:48.60 | -1.00 |
| ABNA | 110.5 | 330 | Pg | 1:22:35.50 | -0.98 |
| | | | Sg | 22:48.61 | -3.28 |
| SMOL | 121.7 | 50 | ePn | 1:22:38.70 | 0.48 |
| | | | eSn | 22:54.60 | -0.39 |
| MPLH | 125.0 | 125 | Pn | 1:22:39.10 | 0.48 |
| | | | Sn | 22:54.77 | -0.93 |
| KRUC | 140.2 | 7 | Pn | 1:22:40.06 | -0.46 |
| | | | Sn | 22:57.40 | -1.69 |
| MOA | 143.1 | 272 | Pn | 1:22:41.24 | 0.36 |
| | | | Sn | 22:57.80 | -1.92 |
| KOGS | 151.5 | 178 | Pn | 1:22:42.84 | 0.92 |
| | | | Sn | 23:01.38 | -0.20 |
| SOKA | 152.7 | 215 | Pn | 1:22:42.24 | 0.16 |
| PKST | 152.7 | 114 | Pn | 1:22:43.57 | 1.48 |
| PERS | 153.2 | 212 | Pn | 1:22:42.72 | 0.58 |
| GROS | 158.4 | 199 | Pn | 1:22:43.39 | 0.60 |
| | | | Sn | 23:03.71 | 0.58 |
| TREC | 172.8 | 343 | eSn | 1:23:06.00 | -0.33 |
| KBA | 228.5 | 249 | Sn | 1:23:19.39 | 0.71 |

534.

2021-04-20 time: 1:28:24.78 UTC ML= 2.2
 lat: 47.793N lon: 16.215E h= 10.4 km
 erh= 1.4km erz= 1.1km
 nr= 48 gap= 45 rms=0.81
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 12.1 | 150 | PgD | 1:28:27.82 | 0.20 |
| | | | Sg | 28:29.78 | -0.06 |
| SOP | 28.5 | 115 | Pg | 1:28:30.56 | 0.36 |
| | | | Sg | 28:34.59 | 0.17 |
| CONA | 30.4 | 300 | Pg | 1:28:30.19 | -0.33 |
| | | | Sg | 28:33.68 | -1.31 |
| WINA | 36.5 | 343 | Pg | 1:28:32.25 | 0.69 |
| | | | Sg | 28:37.41 | 0.57 |
| ARSA | 79.7 | 221 | Pg | 1:28:37.59 | -1.55 |
| | | | Sg | 28:46.88 | -3.46 |
| EGYH | 93.8 | 116 | Pg | 1:28:42.96 | 1.32 |
| | | | Sg | 28:53.26 | -1.53 |
| MODS | 102.1 | 51 | P* | 1:28:42.25 | -0.84 |
| | | | S* | 28:56.68 | -0.70 |
| ABNA | 113.5 | 329 | Pn | 1:28:43.87 | -0.78 |
| | | | Sn | 28:56.93 | -3.21 |
| SMOL | 120.7 | 48 | ePn | 1:28:46.50 | 0.96 |
| | | | eSn | 29:01.70 | -0.04 |
| MPLH | 121.5 | 125 | Pn | 1:28:45.05 | -0.59 |
| | | | Sn | 29:00.94 | -0.98 |
| KRUC | 141.7 | 5 | Pn | 1:28:48.34 | 0.18 |

Hypocenter Parameters

Földregés paraméterek

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | Sn | 29:05.92 | -0.47 | |
| MOA | 146.1 | 272 | Pn | 1:28:49.42 | 0.71 |
| | | Sn | 29:07.29 | -0.08 | |
| PKST | 149.3 | 113 | Pn | 1:28:49.02 | -0.09 |
| KOGS | 149.6 | 179 | Pn | 1:28:48.91 | -0.23 |
| | | Sn | 29:07.95 | -0.19 | |
| SOKA | 152.9 | 216 | Pn | 1:28:49.56 | 0.00 |
| BEHE | 153.1 | 164 | Pn | 1:28:50.07 | 0.48 |
| PERS | 153.2 | 213 | Pn | 1:28:49.69 | 0.09 |
| | | Sn | 29:08.70 | -0.26 | |
| GROS | 157.7 | 200 | Pn | 1:28:50.98 | 0.83 |
| | | Sn | 29:10.00 | 0.06 | |
| TREC | 175.4 | 342 | ePn | 1:28:53.50 | 1.14 |
| | | eSn | 29:14.60 | 0.72 | |
| OBKA | 190.7 | 222 | Pn | 1:28:52.95 | -1.32 |
| | | Sn | 29:19.08 | 1.82 | |
| BIOA | 193.6 | 267 | Pn | 1:28:56.43 | 1.80 |
| | | Sn | 29:19.23 | 1.32 | |
| VYHS | 210.1 | 68 | Pn | 1:28:56.86 | 0.18 |
| KBA | 230.7 | 250 | Sn | 1:29:26.71 | 0.57 |
| KOVH | 237.7 | 143 | Pn | 1:29:00.05 | -0.09 |
| MORC | 241.2 | 24 | Sn | 1:29:29.60 | 1.12 |
| MORH | 254.7 | 134 | Pn | 1:29:02.19 | -0.06 |
| PKSM | 254.9 | 134 | Pn | 1:29:02.13 | -0.14 |
| KRLC | 257.2 | 9 | Pn | 1:29:03.67 | 1.11 |
| | | Sn | 29:31.91 | -0.11 | |
| PKSV | 262.7 | 144 | Pn | 1:29:03.55 | 0.31 |

535.

2021-04-20 time: 1:51:54.13 UTC ML= 0.8
 lat: 47.753N lon: 16.157E h= 12.4 km
 erh= 1.7km erz= 1.6km
 nr= 13 gap=101 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 12.0 | 119 | PgD | 1:51:57.44 | | | 0.24 |
| | | | Sg | 51:59.42 | | | -0.18 |
| CONA | 29.5 | 311 | Pg | 1:52:00.13 | | | 0.29 |
| | | | Sg | 52:03.75 | | | -0.54 |
| SOP | 31.1 | 104 | Pg | 1:52:00.27 | | | 0.17 |
| | | | Sg | 52:04.32 | | | -0.44 |
| WINA | 39.9 | 351 | Pg | 1:52:02.00 | | | 0.41 |
| | | | Sg | 52:07.08 | | | -0.33 |
| ARSA | 73.5 | 221 | Pg | 1:52:07.62 | | | 0.19 |
| | | | Sg | 52:16.90 | | | -0.91 |
| MODS | 108.4 | 50 | Sn | 1:52:26.70 | | | -1.19 |
| KRUC | 146.6 | 7 | Pn | 1:52:18.71 | | | 0.84 |
| | | | Sn | 52:35.74 | | | -0.65 |

536.

2021-04-20 time: 2:09:25.65 UTC ML= 1.0
 lat: 47.751N lon: 16.140E h= 11.6 km
 erh= 1.3km erz= 1.0km
 nr= 14 gap=104 rms=0.36
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.1 | 116 | Pg | 2:09:28.93 | | | 0.16 |
| | | | Sg | 09:30.86 | | | -0.34 |
| CONA | 28.6 | 313 | Pg | 2:09:31.73 | | | 0.57 |
| | | | Sg | 09:35.09 | | | -0.38 |
| SOP | 32.3 | 104 | Pg | 2:09:31.88 | | | 0.11 |
| | | | Sg | 09:36.23 | | | -0.32 |
| WINA | 39.9 | 353 | Pg | 2:09:33.23 | | | 0.17 |
| | | | Sg | 09:38.29 | | | -0.56 |
| ARSA | 72.5 | 220 | Pg | 2:09:38.83 | | | 0.07 |
| | | | Sg | 09:47.67 | | | -1.33 |
| MODS | 109.4 | 51 | Pn | 2:09:45.11 | | | 0.27 |
| | | | Sn | 09:59.49 | | | -0.32 |
| KRUC | 146.9 | 7 | Pn | 2:09:49.67 | | | 0.15 |

537.

2021-04-20 time: 2:49:08.63 UTC ML= 1.9
 lat: 47.799N lon: 16.205E h= 8.2 km
 erh= 1.5km erz= 1.3km
 nr= 33 gap= 59 rms=0.76
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| RONA | 13.0 | 148 | Pg | 2:49:11.53 | | | 0.16 |
| | | | Sg | 49:13.41 | | | -0.10 |
| CONA | 29.4 | 299 | Pg | 2:49:14.04 | | | -0.05 |
| | | | Sg | 49:18.29 | | | -0.05 |
| SOP | 29.5 | 116 | Pg | 2:49:14.39 | | | 0.30 |
| | | | Sg | 49:18.03 | | | -0.32 |
| WINA | 35.7 | 344 | Pg | 2:49:15.83 | | | 0.66 |
| | | | Sg | 49:20.68 | | | 0.41 |
| ARSA | 79.7 | 220 | Pg | 2:49:21.22 | | | -1.72 |
| | | | Sg | 49:30.31 | | | -3.79* |
| ZST | 80.3 | 57 | Pg | 2:49:23.37 | | | 0.33 |
| | | | Sg | 49:33.85 | | | -0.42 |
| EGYH | 94.8 | 117 | Sg | 2:49:38.33 | | | -0.54 |
| MODS | 102.3 | 51 | Pg | 2:49:26.84 | | | -0.12 |
| | | | Sg | 49:40.49 | | | -0.77 |
| ABNA | 112.6 | 329 | Pn | 2:49:28.69 | | | 0.03 |
| | | | Sn | 49:41.27 | | | -3.02 |
| SMOL | 120.9 | 49 | ePn | 2:49:30.40 | | | 0.71 |
| | | | eSn | 49:46.60 | | | 0.48 |
| MPLH | 122.5 | 125 | Sn | 2:49:46.37 | | | -0.11 |
| KRUC | 141.1 | 6 | Pn | 2:49:32.11 | | | -0.11 |
| | | | Sn | 49:49.38 | | | -1.24 |
| MOA | 145.3 | 272 | Pn | 2:49:33.13 | | | 0.39 |
| | | | Sn | 49:49.73 | | | -1.81 |
| KOGS | 150.2 | 179 | Pn | 2:49:34.72 | | | 1.37 |
| | | | Sn | 49:52.64 | | | 0.01 |
| SOKA | 153.0 | 215 | Pn | 2:49:33.11 | | | -0.59 |
| | | | Sn | 49:53.26 | | | 0.01 |
| PERS | 153.3 | 213 | Pn | 2:49:33.82 | | | 0.08 |
| GROS | 158.0 | 200 | Pn | 2:49:35.32 | | | 1.00 |
| | | | Sn | 49:55.26 | | | 0.90 |
| BIOA | 192.8 | 266 | Pn | 2:49:40.13 | | | 1.46 |
| | | | Sn | 50:02.68 | | | 0.58 |

538.

2021-04-20 time: 3:21:05.58 UTC ML= 0.5
 lat: 47.748N lon: 16.142E h= 9.1 km
 erh= 2.1km erz= 4.3km
 nr= 8 gap=149 rms=0.32
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| RONA | 12.8 | 115 | PgD | 3:21:08.59 | | | 0.21 |
| | | | Sg | 21:10.60 | | | 0.04 |
| CONA | 29.0 | 314 | Pg | 3:21:11.20 | | | 0.19 |
| | | | Sg | 21:15.01 | | | -0.24 |
| SOP | 32.1 | 103 | Pg | 3:21:11.57 | | | 0.04 |
| | | | Sg | 21:15.59 | | | -0.58 |
| ARSA | 72.3 | 220 | Pg | 3:21:18.72 | | | 0.13 |
| | | | Sg | 21:27.22 | | | -1.52 |

539.

2021-04-20 time: 3:38:48.05 UTC ML= 2.2
 lat: 47.800N lon: 16.199E h= 8.8 km
 erh= 1.4km erz= 1.2km
 nr= 48 gap= 40 rms=0.84
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.4 | 147 | PgD | 3:38:51.26 | | | 0.34 |
| | | | Sg | 38:52.73 | | | -0.42 |
| CONA | 29.0 | 299 | Pg | 3:38:53.42 | | | -0.04 |
| | | | Sg | 38:57.40 | | | -0.28 |
| SOP | 29.9 | 116 | Pg | 3:38:54.05 | | | 0.42 |
| | | | Sg | 38:57.84 | | | -0.14 |
| WINA | 35.4 | 345 | Pg | 3:38:55.56 | | | 0.99 |
| | | | Sg | 39:00.57 | | | 0.92 |
| ARSA | 79.5 | 220 | PgD | 3:39:00.87 | | | -1.48 |
| | | | Sg | 39:09.70 | | | -3.79 |
| ZST | 80.5 | 57 | Sg | 3:39:12.90 | | | -0.91 |
| EGYH | 95.3 | 117 | PgD | 3:39:05.74 | | | 0.60 |
| | | | Sg | 39:17.27 | | | -1.19 |
| MODS | 102.6 | 52 | Pg | 3:39:05.93 | | | -0.51 |
| | | | Sg | 39:19.86 | | | -0.92 |
| ABNA | 112.2 | 330 | Pn | 3:39:07.01 | | | -0.94 |
| | | | Sn | 39:21.17 | | | -2.30 |
| SMOL | 121.1 | 49 | ePn | 3:39:10.10 | | | 1.04 |
| | | | eSn | 39:25.40 | | | -0.04 |
| MPLH | 123.0 | 125 | Sn | 3:39:23.83 | | | -2.02 |
| A337 | 128.5 | 67 | Pn | 3:39:10.30 | | | 0.31 |
| KRUC | 141.0 | 6 | PnD | 3:39:11.67 | | | 0.13 |
| | | | Sn | 39:28.75 | | | -1.11 |
| MOA | 144.8 | 272 | Pn | 3:39:12.17 | | | 0.15 |
| | | | Sn | 39:29.32 | | | -1.39 |
| KOGS | 150.4 | 179 | Pn | 3:39:13.37 | | | 0.66 |
| | | | Sn | 39:32.50 | | | 0.56 |
| PKST | 150.8 | 114 | Pn | 3:39:12.61 | | | -0.15 |
| SOKA | 152.9 | 215 | Pn | 3:39:12.74 | | | -0.28 |
| PERS | 153.2 | 212 | Pn | 3:39:13.13 | | | 0.07 |
| BEHE | 154.2 | 164 | Pn | 3:39:15.49 | | | 2.30 |
| GROS | 158.0 | 200 | Pn | 3:39:13.66 | | | 0.00 |
| | | | Sn | 39:34.29 | | | 0.66 |
| CSKK | 162.5 | 107 | Sn | 3:39:35.12 | | | 0.48 |
| PKSG | 171.0 | 105 | Pn | 3:39:15.72 | | | 0.44 |
| | | | Sn | 39:37.38 | | | 0.87 |
| OBKA | 190.4 | 221 | Pn | 3:39:17.95 | | | 0.25 |
| | | | Sn | 39:40.96 | | | 0.13 |
| BIOA | 192.4 | 266 | Pn | 3:39:19.08 | | | 1.13 |
| | | | Sn | 39:41.55 | | | 0.28 |
| KOVH | 239.1 | 143 | Pn | 3:39:23.68 | | | -0.09 |
| | | | Sn | 39:57.17 | | | 5.54* |
| MORC | 241.0 | 24 | Pn | 3:39:24.63 | | | 0.63 |
| | | | Sn | 39:51.45 | | | -0.59 |
| PKSM | 256.3 | 134 | Pn | 3:39:25.47 | | | -0.45 |
| KRLC | 256.6 | 10 | Pn | 3:39:26.79 | | | 0.84 |
| | | | Sn | 39:55.80 | | | 0.29 |
| PKSV | 264.0 | 144 | Pn | 3:39:26.67 | | | -0.21 |
| LESA | 268.1 | 261 | Pn | 3:39:30.68 | | | 3.30 |

540.

2021-04-20 time: 5:16:08.81 UTC ML= 2.7
 lat: 47.788N lon: 16.191E h= 10.5 km
 erh= 1.1km erz= 0.9km
 nr= 56 gap= 30 rms=0.72
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| RONA | 12.6 | 141 | PgD | 5:16:12.06 | | | 0.33 |
| | | | Sg | 16:14.13 | | | 0.11 |
| CONA | 29.2 | 302 | Pg | 5:16:14.39 | | | 0.05 |
| | | | Sg | 16:17.78 | | | -0.88 |
| SOP | 29.9 | 113 | PgD | 5:16:14.91 | | | 0.44 |
| | | | Sg | 16:18.79 | | | -0.09 |
| WINA | 36.6 | 346 | Pg | 5:16:16.22 | | | 0.62 |
| | | | Sg | 16:21.14 | | | 0.24 |
| ARSA | 78.1 | 220 | PgU | 5:16:21.83 | | | -1.06 |
| | | | Sg | 16:30.99 | | | -2.88 |
| ZST | 81.8 | 56 | Pg | 5:16:23.11 | | | -0.42 |
| | | | Sg | 16:33.57 | | | -1.44 |
| EGYH | 95.2 | 116 | Pg | 5:16:26.49 | | | 0.58 |
| | | | Sg | 16:38.10 | | | -1.14 |

| | | | | | | | |
|------|-------|-----|-----|------------|--|--|-------|
| MODS | 103.9 | 51 | P* | 5:16:26.72 | | | -0.66 |
| | | | S* | 16:41.32 | | | -0.54 |
| ABNA | 113.1 | 330 | Pn | 5:16:27.69 | | | -0.92 |
| | | | Sn | 16:40.99 | | | -3.07 |
| PNNH | 120.8 | 103 | Sn | 5:16:45.46 | | | -0.29 |
| SMOL | 122.4 | 49 | ePn | 5:16:30.40 | | | 0.63 |
| | | | eSn | 16:46.30 | | | 0.18 |
| MPLH | 122.7 | 124 | Pn | 5:16:29.82 | | | 0.02 |
| | | | Sn | 16:44.52 | | | -1.65 |
| A337 | 129.6 | 67 | Pn | 5:16:31.27 | | | 0.61 |
| | | | Sn | 16:48.14 | | | 0.43 |
| KRUC | 142.4 | 6 | Pn | 5:16:32.46 | | | 0.20 |
| | | | Sn | 16:49.70 | | | -0.86 |
| MOA | 144.3 | 273 | Pn | 5:16:32.96 | | | 0.46 |
| | | | Sn | 16:50.20 | | | -0.78 |
| KOGS | 149.0 | 178 | Pn | 5:16:33.21 | | | 0.12 |
| | | | Sn | 16:52.02 | | | -0.01 |
| PKST | 150.8 | 113 | PnD | 5:16:33.38 | | | 0.08 |
| | | | Sn | 16:51.78 | | | -0.63 |
| SOKA | 151.4 | 215 | PnD | 5:16:33.78 | | | 0.39 |
| | | | Sn | 16:51.10 | | | -1.46 |
| PERS | 151.8 | 212 | Pn | 5:16:33.86 | | | 0.43 |
| BEHE | 153.1 | 163 | Pn | 5:16:34.00 | | | 0.41 |
| | | | Sn | 16:52.79 | | | -0.13 |
| GROS | 156.5 | 200 | Pn | 5:16:34.13 | | | 0.11 |
| | | | Sn | 16:53.58 | | | -0.11 |
| A338 | 163.6 | 81 | Pn | 5:16:38.01 | | | 3.11 |
| PKSG | 171.2 | 105 | Pn | 5:16:36.74 | | | 0.89 |
| OBKA | 189.0 | 221 | Pn | 5:16:38.78 | | | 0.70 |
| BIOA | 191.8 | 267 | Pn | 5:16:40.37 | | | 1.95 |
| | | | Sn | 17:03.42 | | | 1.91 |
| PKB1 | 226.2 | 120 | Pn | 5:16:42.90 | | | 0.19 |
| KBA | 228.8 | 250 | Sn | 5:17:09.45 | | | -0.28 |
| KOVH | 238.4 | 142 | Pn | 5:16:44.30 | | | 0.07 |
| MORC | 242.4 | 24 | Pn | 5:16:45.63 | | | 0.90 |
| | | | Sn | 17:12.94 | | | 0.19 |
| MORH | 255.7 | 133 | Pn | 5:16:46.26 | | | -0.12 |
| PKSM | 255.8 | 133 | Pn | 5:16:46.49 | | | 0.09 |
| KRLC | 258.0 | 10 | Pn | 5:16:47.54 | | | 0.86 |
| | | | Sn | 17:16.12 | | | -0.09 |
| PKSV | 263.3 | 143 | Pn | 5:16:47.47 | | | 0.14 |
| LANS | 285.8 | 58 | ePn | 5:16:52.30 | | | 2.16 |

541.

2021-04-20 time: 7:03:02.18 UTC ML= 0.8
 lat: 47.749N lon: 16.146E h= 13.6 km
 erh= 1.8km erz= 1.6km
 nr= 11 gap=104 rms=0.43
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 12.5 | 116 | Pg | 7:03:05.67 | | | 0.18 |
| | | | Sg | 03:07.43 | | | -0.64 |
| CONA | 29.2 | 313 | Pg | 7:03:08.34 | | | 0.41 |
| | | | Sg | 03:11.68 | | | -0.73 |
| SOP | 31.8 | 103 | Pg | 7:03:08.56 | | | 0.21 |
| | | | Sg | 03:12.77 | | | -0.40 |
| WINA | 40.2 | 352 | Pg | 7:03:10.35 | | | 0.59 |
| | | | Sg | 03:15.35 | | | -0.32 |
| ARSA | 72.7 | 220 | Sg | 7:03:25.26 | | | -0.42 |
| KRUC | 147.1 | 7 | Pn | 7:03:26.10 | | | 0.28 |
| | | | Sn | 03:43.58 | | | -0.67 |

542.

2021-04-20 time: 7:57:12.77 UTC ML= 1.8
 lat: 47.903N lon: 19.365E h= 0.0 km
 erh= 1.4km erz= 3.8km
 nr= 20 gap= 54 rms=0.61
 Locality: Becske
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| PENC | 14.0 | 206 | Pg | 7:57:15.25 | | | -0.02 |
| | | | Sg | 57:17.71 | | | 0.49 |
| PSZ | 39.6 | 88 | Pg | 7:57:19.57 | | | -0.27 |
| | | | Sg | 57:25.25 | | | -0.11 |
| VYHS | 76.5 | 329 | Pg | 7:57:27.25 | | | 0.81 |
| | | | Sg | 57:36.40 | | | -0.70 |
| A338 | 76.6 | 279 | Pg | 7:57:27.16 | | | 0.71 |
| | | | Sg | 57:37.15 | | | 0.02 |
| PKSG | 92.7 | 232 | Pg | 7:57:29.72 | | | 0.40 |
| | | | Sg | 57:41.27 | | | -0.96 |
| BSZH | 95.4 | 135 | Sg | 7:57:43.88 | | | 0.78 |
| PKS7 | 96.4 | 189 | Sg | 7:57:42.77 | | | -0.64 |
| | | | Pg | 7:57:31.53 | | | -0.05 |
| KECS | 105.4 | 52 | Sg | 57:45.28 | | | -0.98 |
| | | | Pg | 7:57:34.44 | | | -0.31 |
| PKST | 123.1 | 234 | Sg | 57:50.60 | | | -1.30 |
| | | | ePn | 7:57:37.10 | | | -0.02 |
| LANS | 138.9 | 3 | eSn | 57:54.30 | | | -1.82 |
| | | | ePn | 7:57:41.20 | | | 0.96 |
| MODS | 163.9 | 289 | eSn | 57:59.10 | | | -2.58* |

543.

2021-04-20 time: 8:16:09.63 UTC ML= 1.0
 lat: 47.761N lon: 16.146E h= 12.1 km
 erh= 1.8km erz= 1.7km
 nr= 10 gap=114 rms=0.41
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.2 | 121 | Pg | 8:16:12.91 | | | 0.08 |
| | | | Sg | 16:14.79 | | | -0.52 |
| CONA | 28.3 | 311 | Pg | 8:16:15.52 | | | 0.39 |
| | | | Sg | 16:18.83 | | | -0.58 |
| WINA | 38.9 | 352 | Pg | 8:16:17.26 | | | 0.35 |
| | | | Sg | 16:22.27 | | | -0.32 |
| ARSA | 73.6 | 220 | Pg | 8:16:23.03 | | | 0.08 |
| | | | Sg | 16:32.87 | | | -0.47 |
| KRUC | 145.9 | 7 | Pn | 8:16:33.81 | | | 0.50 |
| | | | Sn | 16:50.87 | | | -0.91 |

544.

2021-04-20 time: 8:48:24.20 UTC ML= 1.4
 lat: 48.605N lon: 20.783E h= 0.0 km
 erh= 2.3km erz= 4.6km
 nr= 9 gap= 92 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 25.8 | 238 | Pg | 8:48:29.15 | | | 0.34 |
| | | | Sg | 48:32.51 | | | 0.10 |
| ABAH | 48.2 | 136 | Pg | 8:48:33.52 | | | 0.71 |
| | | | Sg | 48:39.63 | | | 0.10 |
| NIE | 96.8 | 339 | Sg | 8:48:55.19 | | | 0.23 |
| PSZ | 100.9 | 221 | Pg | 8:48:42.17 | | | -0.06 |
| | | | Sg | 48:55.10 | | | -1.19 |
| KOLS | 115.5 | 72 | Sg | 8:48:59.68 | | | -1.22 |
| VYHS | 144.3 | 265 | Sn | 8:49:08.13 | | | -0.61 |

545.

2021-04-20 time: 9:28:23.89 UTC ML= 0.9
 lat: 47.748N lon: 16.143E h= 12.3 km
 erh= 1.5km erz= 1.4km
 nr= 11 gap=105 rms=0.38
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| RONA | 12.7 | 115 | PgD | 9:28:27.26 | | | 0.22 |
| | | | Sg | 28:29.20 | | | -0.30 |

Földrengés paraméterek

| CONA | 29.1 | 314 | Pg | 9:28:29.92 | 0.39 |
|------|-------|-----|----|------------|-------|
| | | | Sg | 28:33.79 | -0.14 |
| SOP | 32.0 | 103 | Pg | 9:28:30.09 | 0.09 |
| WINA | 40.3 | 353 | Pg | 9:28:31.57 | 0.16 |
| | | | Sg | 28:36.63 | -0.66 |
| ARSA | 72.4 | 220 | Pg | 9:28:37.23 | 0.24 |
| | | | Sg | 28:46.22 | -1.00 |
| MODS | 109.5 | 51 | Pn | 9:28:43.12 | 0.11 |
| | | | Sn | 28:57.03 | -0.89 |

546.

2021-04-20 time: 10:00:46.13 UTC ML= 1.4
 lat: 48.140N lon: 16.919E h= 0.0 km
 erh= 1.8km erz= 2.6km
 nr= 17 gap= 84 rms=0.62
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MODS | 37.2 | 46 | Pg | 10:00:52.70 | | | -0.07 |
| | | | Sg | 00:57.53 | | | -0.42 |
| SMOL | 56.2 | 42 | ePg | 10:00:58.10 | | | 1.94 |
| WINA | 63.1 | 267 | Pg | 10:00:58.00 | | | 0.61 |
| | | | Sg | 01:06.39 | | | 0.22 |
| RONA | 67.6 | 224 | Pg | 10:00:58.41 | | | 0.22 |
| | | | Sg | 01:06.97 | | | -0.63 |
| CONA | 82.3 | 253 | Pg | 10:01:00.75 | | | -0.07 |
| | | | Sg | 01:11.79 | | | -0.49 |
| KRUC | 109.5 | 339 | Pg | 10:01:05.79 | | | 0.10 |
| | | | Sg | 01:19.70 | | | -1.24 |
| PKST | 128.9 | 139 | Pg | 10:01:09.10 | | | -0.05 |
| | | | Sg | 01:25.07 | | | -2.03 |
| ARSA | 144.1 | 227 | Pn | 10:01:11.59 | | | 0.46 |
| | | | Sn | 01:30.07 | | | -0.56 |
| VYHS | 147.6 | 75 | Pn | 10:01:12.01 | | | 0.45 |
| | | | Sn | 01:30.60 | | | -0.80 |

547.

2021-04-20 time: 10:26:47.02 UTC ML= 1.6
 lat: 45.993N lon: 22.784E h= 0.0 km
 erh= 0.6km erz= 1.5km
 nr= 9 gap=113 rms=0.45
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DEV | 15.3 | 143 | Pg | 10:26:49.90 | | | 0.16 |
| | | | Sg | 26:52.31 | | | 0.44 |
| GZR | 66.6 | 181 | Pg | 10:26:59.24 | | | 0.33 |
| | | | Sg | 27:08.22 | | | 0.03 |
| DRGR | 89.0 | 356 | Sg | 10:27:15.81 | | | 0.50 |
| BZS | 99.9 | 245 | Pg | 10:27:04.76 | | | -0.10 |
| | | | Sg | 27:18.22 | | | -0.56 |
| VOIR | 186.9 | 109 | Pn | 10:27:16.45 | | | -0.90 |
| | | | Sn | 27:39.35 | | | -1.67 |

548.

2021-04-20 time: 10:28:18.43 UTC ML= 1.5
 lat: 46.032N lon: 22.801E h= 0.0 km
 erh= 1.5km erz= 1.9km
 nr= 8 gap=227 rms=0.46
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DEV | 18.3 | 154 | Pg | 10:28:22.20 | | | 0.50 |
| | | | Sg | 28:24.46 | | | 0.21 |
| GZR | 71.0 | 182 | Pg | 10:28:31.34 | | | 0.24 |
| | | | Sg | 28:39.88 | | | -1.11 |
| BZS | 102.9 | 243 | Pg | 10:28:36.87 | | | 0.06 |
| | | | Sg | 28:50.62 | | | -0.53 |
| VOIR | 187.1 | 111 | Pn | 10:28:48.71 | | | -0.08 |

Földrengés paraméterek

Hypocenter Parameters

Sn 29:11.61 -0.86
 549.

2021-04-20 time: 11:17:37.49 UTC ML= 1.5
 lat: 47.751N lon: 16.140E h= 14.3 km
 erh= 2.1km erz= 1.5km
 nr= 15 gap=104 rms=0.62
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.0 | 116 | PgD | 11:17:41.12 | 0.18 |
| | | | Sg | 17:43.00 | -0.64 |
| CONA | 28.7 | 313 | Pg | 11:17:43.76 | 0.55 |
| | | | Sg | 17:46.59 | -1.09 |
| SOP | 32.3 | 103 | Sg | 11:17:48.23 | -0.48 |
| WINA | 39.9 | 353 | Pg | 11:17:45.54 | 0.47 |
| | | | Sg | 17:50.63 | -0.34 |
| ARSA | 72.5 | 220 | Pg | 11:17:51.09 | 0.41 |
| | | | Sg | 18:00.05 | -0.93 |
| MODS | 109.5 | 51 | Pn | 11:17:56.54 | 0.20 |
| | | | Sn | 18:10.24 | -0.81 |
| ABNA | 115.0 | 333 | Pn | 11:17:57.42 | 0.39 |
| | | | Sn | 18:10.36 | -1.91 |
| KRUC | 147.0 | 7 | Pn | 11:18:01.90 | 0.88 |
| | | | Sn | 18:18.87 | -0.51 |

550.

2021-04-20 time: 12:46:26.31 UTC ML= 1.7
 lat: 47.067N lon: 19.461E h= 0.0 km
 erh= 5.3km erz= 855km
 nr= 6 gap=194 rms=0.50
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.9 | 265 | Pg | 12:46:30.61 | 0.22 |
| | | | Sg | 46:33.12 | -0.46 |
| PENC | 81.6 | 350 | Pg | 12:46:41.56 | 0.68 |
| PSZ | 100.2 | 19 | Pg | 12:46:44.02 | -0.18 |
| | | | Sg | 46:56.84 | -1.32 |
| PKSM | 113.8 | 213 | Pg | 12:46:46.59 | -0.05 |

551.

2021-04-20 time: 17:17:40.09 UTC ML= 2.2
 lat: 47.789N lon: 16.169E h= 8.9 km
 erh= 1.7km erz= 1.4km
 nr= 45 gap= 53 rms=1.00
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.8 | 136 | PgD | 17:17:43.19 | 0.17 |
| | | | Sg | 17:44.91 | -0.39 |
| CONA | 27.7 | 304 | Pg | 17:17:45.61 | 0.33 |
| | | | Sg | 17:50.10 | 0.77 |
| SOP | 31.5 | 112 | Pg | 17:17:46.12 | 0.19 |
| | | | Sg | 17:49.79 | -0.70 |
| WINA | 36.1 | 349 | Pg | 17:17:47.57 | 0.84 |
| | | | Sg | 17:52.54 | 0.64 |
| ARSA | 77.1 | 219 | Pg | 17:17:53.00 | -0.95 |
| | | | Sg | 18:01.72 | -3.04 |
| EGYH | 96.8 | 115 | Pg | 17:17:57.68 | 0.24 |
| | | | Sg | 18:09.42 | -1.55 |
| MODS | 105.1 | 52 | Pg | 17:17:58.31 | -0.62 |
| | | | Sg | 18:11.67 | -1.95 |
| ABNA | 112.2 | 331 | Pn | 17:17:58.97 | -1.01 |
| | | | Sn | 18:12.56 | -2.94 |
| SMOL | 123.6 | 49 | ePn | 17:18:01.70 | 0.30 |
| | | | eSn | 18:17.30 | -0.73 |
| MPLH | 124.1 | 124 | Sn | 17:18:16.66 | -1.48 |
| KRUC | 142.5 | 7 | Pn | 17:18:04.01 | 0.25 |

| | | | Sn | | 18:20.72 | -1.50 |
|------|-------|-----|----|-------------|----------|-------|
| MOA | 142.6 | 273 | Pn | 17:18:04.40 | 0.63 | |
| | | | Sn | 18:21.05 | -1.20 | |
| KOGS | 149.2 | 178 | Pn | 17:18:06.22 | 1.63 | |
| | | | Sn | 18:23.63 | -0.07 | |
| SOKA | 150.5 | 215 | Pn | 17:18:04.89 | 0.14 | |
| | | | Sn | 18:22.82 | -1.18 | |
| PERS | 151.0 | 212 | Pn | 17:18:05.37 | 0.56 | |
| | | | Sn | 18:23.00 | -1.09 | |
| PKST | 152.4 | 113 | Pn | 17:18:06.64 | 1.65 | |
| | | | Sn | 18:24.55 | 0.14 | |
| GROS | 156.1 | 199 | Pn | 17:18:06.46 | 1.01 | |
| CSKK | 164.4 | 107 | Sn | 17:18:28.50 | 1.43 | |
| PKSG | 172.9 | 105 | Sn | 17:18:29.98 | 1.02 | |
| OBKA | 188.0 | 221 | Pn | 17:18:10.30 | 0.87 | |
| PTJ | 210.6 | 184 | Sn | 17:18:41.53 | 4.20* | |
| CRES | 224.9 | 194 | Pn | 17:18:14.61 | 0.58 | |
| | | | Sn | 18:46.53 | 6.03* | |
| KBA | 227.2 | 250 | Sn | 17:18:41.65 | 0.63 | |
| MORC | 243.0 | 25 | Pn | 17:18:17.14 | 0.85 | |
| | | | Sn | 18:45.40 | 0.87 | |
| MORH | 257.0 | 133 | Pn | 17:18:17.62 | -0.41 | |
| PKSM | 257.1 | 133 | Pn | 17:18:17.62 | -0.43 | |
| KRLC | 258.2 | 10 | Pn | 17:18:19.50 | 1.32 | |
| | | | Sn | 18:48.34 | 0.44 | |
| PKSV | 264.4 | 143 | Pn | 17:18:18.65 | -0.30 | |

552.

2021-04-20 time: 18:23:29.95 UTC ML= 0.8
 lat: 47.732N lon: 16.127E h= 8.6 km
 erh= 2.3km erz= 6.8km
 nr= 7 gap=142 rms=0.33
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 13.2 | 106 | Pg | 18:23:33.11 | 0.35 |
| | | | Sg | 23:35.02 | 0.06 |
| CONA | 29.5 | 318 | Pg | 18:23:35.56 | 0.12 |
| | | | Sg | 23:39.28 | -0.44 |
| SOP | 32.8 | 99 | Sg | 18:23:39.98 | -0.76 |
| ARSA | 70.2 | 220 | Pg | 18:23:42.75 | 0.17 |
| | | | Sg | 23:52.10 | -0.34 |

553.

2021-04-20 time: 19:36:02.33 UTC ML= 1.3
 lat: 45.750N lon: 18.044E h= 5.4 km
 erh= 3.0km erz= 1.8km
 nr= 14 gap=320 rms=0.37
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 22.3 | 47 | PgD | 19:36:06.78 | 0.35 |
| | | | Sg | 36:10.58 | 0.95 |
| KOVH | 37.8 | 7 | PgD | 19:36:09.19 | 0.04 |
| | | | Sg | 36:14.48 | 0.00 |
| PKSM | 69.1 | 42 | PgD | 19:36:14.37 | -0.34 |
| | | | Sg | 36:23.69 | -0.68 |
| MORH | 69.6 | 42 | PgD | 19:36:14.43 | -0.36 |
| | | | Sg | 36:23.78 | -0.74 |
| PKB4 | 93.5 | 28 | Pg | 19:36:18.90 | -0.16 |
| | | | Sg | 36:32.75 | 0.64 |
| PKB5 | 108.0 | 30 | Pg | 19:36:21.83 | 0.18 |
| | | | Sg | 36:36.78 | 0.07 |
| PKB1 | 128.6 | 27 | Pn | 19:36:24.90 | 0.20 |
| | | | Sn | 36:42.41 | 0.25 |

Hypocenter Parameters

Földrengés paraméterek

554.

2021-04-20 time: 21:03:36.27 UTC ML= 1.0
 lat: 47.752N lon: 16.146E h= 13.2 km
 erh= 1.4km erz= 1.3km
 nr= 14 gap=103 rms=0.44
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|--------|
| RONA | 12.7 | 117 | PgD | 21:03:39.66 | | | 0.12 |
| | | | Sg | | 03:41.72 | | -0.37 |
| CONA | 28.9 | 313 | Pg | 21:03:42.27 | | | 0.32 |
| | | | Sg | | 03:46.19 | | -0.19 |
| SOP | 31.9 | 104 | Pg | 21:03:42.87 | | | 0.44 |
| | | | Sg | | 03:46.74 | | -0.49 |
| WINA | 39.9 | 352 | Pg | 21:03:44.10 | | | 0.32 |
| | | | Sg | | 03:49.06 | | -0.57 |
| ARSA | 72.9 | 220 | Pg | 21:03:49.60 | | | 0.11 |
| | | | Sg | | 03:58.89 | | -0.92 |
| MODS | 109.1 | 51 | Pn | 21:03:55.73 | | | 0.51 |
| | | | Sn | | 04:09.28 | | -0.72 |
| ABNA | 115.1 | 333 | Pn | 21:03:55.87 | | | -0.10 |
| | | | Sn | | 04:08.69 | | -2.64* |

555.

2021-04-20 time: 21:15:39.41 UTC ML= 3.3
 lat: 45.882N lon: 16.022E h= 8.5 km
 erh= 0.9km erz= 0.7km
 nr= 67 gap= 56 rms=0.50
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|-------------|-----|--------|
| PTJ | 5.3 | 292 | PgU | 21:15:41.30 | | | 0.10 |
| | | | Sg | | 15:42.26 | | -0.33 |
| ZAG | 6.2 | 200 | PgD | 21:15:41.95 | | | 0.66 |
| | | | Sg | | 15:43.41 | | 0.66 |
| GCIS | 30.6 | 267 | iPgC | 21:15:45.51 | | | 0.43 |
| | | | iSg | | 15:50.01 | | 0.50 |
| GOLS | 34.0 | 295 | iPg | 21:15:46.06 | | | 0.40 |
| | | | eSg | | 15:50.27 | | -0.27 |
| CRES | 44.3 | 262 | Pg | 21:15:47.63 | | | 0.17 |
| | | | Sg | | 15:53.40 | | -0.34 |
| CESS | 44.5 | 283 | iPg | 21:15:48.03 | | | 0.53 |
| | | | iSg | | 15:53.67 | | -0.14 |
| DOBS | 52.1 | 305 | iPgD | 21:15:49.25 | | | 0.41 |
| | | | eSg | | 15:55.73 | | -0.46 |
| KOGS | 65.4 | 16 | PgD | 21:15:51.58 | | | 0.40 |
| | | | Sg | | 15:59.86 | | -0.51 |
| BOJS | 73.2 | 235 | iPg | 21:15:52.41 | | | -0.15 |
| | | | eSg | | 16:01.88 | | -0.94 |
| GROS | 75.9 | 328 | Pg | 21:15:53.10 | | | 0.06 |
| | | | Sg | | 16:02.29 | | -1.39 |
| PDKS | 81.8 | 284 | iPgD | 21:15:54.20 | | | 0.10 |
| | | | eSg | | 16:05.80 | | 0.25 |
| BEHE | 87.6 | 42 | Pg | 21:15:55.26 | | | 0.14 |
| | | | iPg | | 21:15:55.65 | | -0.30 |
| VISS | 92.3 | 265 | eSg | | 16:08.18 | | -0.68 |
| | | | iPgD | | 21:15:56.92 | | -0.14 |
| GBRS | 102.1 | 248 | eSg | | 16:09.74 | | -1.09 |
| | | | iPg | | 21:15:57.10 | | -0.60 |
| PERS | 109.1 | 320 | Sg | | 16:10.54 | | -1.43 |
| | | | PgD | | 21:15:58.40 | | -0.54 |
| SOKA | 116.8 | 319 | Sg | | 16:11.26 | | -2.92* |
| | | | PnD | | 21:15:59.62 | | -0.30 |
| OBKA | 133.4 | 302 | Sn | | 16:13.37 | | -2.55 |
| | | | Pn | | 21:16:02.66 | | 0.67 |
| BLY | 155.4 | 144 | Sn | | 16:18.88 | | -0.72 |
| | | | PnU | | 21:16:05.13 | | 0.39 |
| ARSA | 156.9 | 346 | Sn | | 16:24.26 | | -0.23 |
| | | | PnD | | 21:16:05.37 | | 0.45 |
| KOVH | 162.7 | 82 | Sn | | 16:24.59 | | -0.23 |
| | | | Pn | | 21:16:05.27 | | -0.37 |

| | | | | | | | |
|------|-------|-----|-----|-------------|----------|--|--------|
| PKSV | 173.2 | 90 | Pn | 21:16:06.67 | | | -0.28 |
| TRI | 176.6 | 264 | Pn | 21:16:07.34 | | | -0.03 |
| | | | Sn | | 16:29.98 | | 0.79 |
| TIH | 183.1 | 52 | Pn | 21:16:08.06 | | | -0.13 |
| MPLH | 184.6 | 39 | PnD | 21:16:08.37 | | | -0.01 |
| PKS9 | 191.0 | 66 | Pn | 21:16:08.87 | | | -0.30 |
| EGYH | 198.0 | 30 | Pn | 21:16:10.61 | | | 0.57 |
| | | | Sn | | 16:33.53 | | -0.41 |
| MYKA | 201.5 | 294 | Pn | 21:16:11.43 | | | 0.95 |
| RONA | 203.2 | 6 | PnD | 21:16:11.31 | | | 0.62 |
| | | | Sn | | 16:39.74 | | 4.65* |
| SOP | 204.4 | 12 | PnD | 21:16:11.22 | | | 0.37 |
| PKSM | 206.1 | 80 | Pn | 21:16:10.44 | | | -0.61 |
| MORH | 206.4 | 80 | PnU | 21:16:10.57 | | | -0.52 |
| PKB4 | 210.7 | 71 | Pn | 21:16:11.23 | | | -0.40 |
| PKST | 217.4 | 45 | PnD | 21:16:12.45 | | | -0.01 |
| PKB5 | 223.9 | 69 | Pn | 21:16:12.43 | | | -0.84 |
| CONA | 227.9 | 357 | Sn | 21:16:40.90 | | | 0.33 |
| PNNH | 228.5 | 36 | Sn | 21:16:41.14 | | | 0.44 |
| PKSG | 247.2 | 47 | Sn | 21:16:44.68 | | | -0.18 |
| WINA | 247.5 | 1 | Pn | 21:16:17.17 | | | 0.96 |
| PKB3 | 252.4 | 76 | Pn | 21:16:16.32 | | | -0.51 |
| PKS2 | 255.6 | 75 | Pn | 21:16:17.17 | | | -0.05 |
| MOA | 256.5 | 329 | Pn | 21:16:18.78 | | | 1.44 |
| PKB2 | 263.4 | 70 | Pn | 21:16:18.56 | | | 0.36 |
| BIOA | 271.3 | 318 | Pn | 21:16:20.60 | | | 1.42 |
| ABTA | 286.9 | 290 | Pn | 21:16:22.96 | | | 1.83 |
| MODS | 293.0 | 19 | Pn | 21:16:21.93 | | | 0.04 |
| FRGS | 307.5 | 106 | Pn | 21:16:23.84 | | | 0.14* |
| | | | Sn | | 16:55.47 | | -2.77* |
| LESA | 308.2 | 304 | Pn | 21:16:25.56 | | | 1.78* |
| | | | Sn | | 17:00.50 | | 2.11* |
| SMOL | 311.5 | 20 | ePn | 21:16:24.40 | | | 0.21* |
| | | | eSn | | 16:56.10 | | -3.02* |
| ABNA | 313.2 | 352 | Pn | 21:16:25.69 | | | 1.28* |
| BBLs | 349.0 | 130 | Pn | 21:16:29.65 | | | 0.78* |
| VYHS | 360.4 | 36 | Pn | 21:16:39.90 | | | 9.61* |
| | | | Sn | | 17:07.90 | | -2.08* |
| PSZ | 372.0 | 53 | PnC | 21:16:31.97 | | | 0.23* |
| VRAC | 383.4 | 6 | PnC | 21:16:33.79 | | | 0.63* |
| SQTA | 398.0 | 292 | Pn | 21:16:37.70 | | | 2.72* |
| MOTA | 410.4 | 293 | Pn | 21:16:38.84 | | | 2.32* |
| BZS | 436.4 | 94 | Pn | 21:16:39.24 | | | -0.53* |
| KECS | 445.1 | 49 | ePn | 21:16:41.00 | | | 0.14* |
| | | | eSn | | 17:27.10 | | -1.69* |
| MORC | 447.8 | 15 | Pn | 21:16:42.16 | | | 0.97* |
| | | | Sn | | 17:28.94 | | -0.45* |
| PDG | 462.6 | 146 | PnD | 21:16:46.31 | | | 3.27* |
| MDVR | 462.6 | 105 | PnC | 21:16:42.99 | | | -0.05* |
| SURR | 474.5 | 92 | PnC | 21:16:44.48 | | | -0.05* |
| DAVA | 496.0 | 288 | Pn | 21:16:48.89 | | | 1.69* |
| HERR | 513.0 | 103 | PnD | 21:16:49.52 | | | 0.19* |
| | | | Sn | | 17:40.70 | | -3.17* |
| GZR | 529.5 | 96 | PnD | 21:16:51.72 | | | 0.34* |
| | | | Sn | | 17:44.30 | | -3.22* |
| MARR | 554.1 | 81 | PnC | 21:16:54.98 | | | 0.53* |
| | | | Sn | | 17:49.00 | | -3.98* |
| BLKB | 583.6 | 115 | PnC | 21:16:58.95 | | | 0.82* |

556.

2021-04-21 time: 0:06:09.85 UTC ML= 1.0
 lat: 47.751N lon: 16.149E h= 12.6 km
 erh= 1.6km erz= 1.3km
 nr= 16 gap=103 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| RONA | 12.5 | 117 | PgD | 0:06:13.15 | | | 0.13 |
| | | | Sg | | 06:15.09 | | -0.40 |
| CONA | 29.2 | 313 | Pg | 0:06:16.02 | | | 0.50 |
| | | | Sg | | 06:19.66 | | -0.29 |
| SOP | 31.6 | 104 | Pg | 0:06:16.22 | | | 0.28 |
| | | | Sg | | 06:20.43 | | -0.25 |

Földrengés paraméterek

Hypocenter Parameters

WINA 40.0 352 Pg 0:06:17.60 0.26
 Sg 06:22.68 -0.51
 ARSA 72.9 220 Pg 0:06:23.25 0.18
 Sg 06:32.33 -1.05
 MODS 108.9 51 Pn 0:06:29.30 0.44
 Sn 06:42.70 -0.99
 ABNA 115.2 333 Pn 0:06:29.50 -0.15
 Sn 06:42.34 -2.75*
 KRUC 146.9 7 Pn 0:06:34.22 0.63
 Sn 06:51.19 -0.92

KRUC 146.8 7 Pn 5:46:59.60 1.07
 Sn 47:16.40 -0.74

559.

2021-04-21 time: 7:40:20.97 UTC ML= 1.4
 lat: 47.970N lon: 16.614E h= 0.0 km
 erh= 2.4km erz= 4.3km
 nr= 13 gap= 68 rms=0.76
 Locality: Austria
 Comments: probably explosion

557.

2021-04-21 time: 5:10:14.22 UTC ML= 2.0
 lat: 47.784N lon: 16.192E h= 10.9 km
 erh= 1.5km erz= 1.1km
 nr= 33 gap= 61 rms=0.77
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 12.2 | 140 | PgD | 5:10:17.35 | | | 0.22 |
| | | | Sg | 10:19.43 | | | 0.02 |
| CONA | 29.5 | 303 | Pg | 5:10:19.88 | | | 0.05 |
| | | | Sg | 10:24.05 | | | -0.17 |
| SOP | 29.6 | 112 | Pg | 5:10:20.36 | | | 0.50 |
| | | | Sg | 10:24.23 | | | -0.02 |
| WINA | 37.1 | 346 | Pg | 5:10:21.55 | | | 0.43 |
| | | | Sg | 10:26.47 | | | -0.03 |
| ARSA | 77.8 | 220 | Pg | 5:10:27.18 | | | -1.07 |
| | | | Sg | 10:36.33 | | | -2.86 |
| EGYH | 94.9 | 115 | Pg | 5:10:31.07 | | | -0.20 |
| | | | Sg | 10:43.81 | | | -0.77 |
| MODS | 104.1 | 51 | P* | 5:10:32.66 | | | -0.12 |
| | | | S* | 10:46.57 | | | -0.69 |
| ABNA | 113.6 | 330 | Pn | 5:10:33.06 | | | -0.96 |
| | | | Sn | 10:46.07 | | | -3.40 |
| MPLH | 122.3 | 124 | Sn | 5:10:51.28 | | | -0.13 |
| SMOL | 122.7 | 49 | eSn | 5:10:52.10 | | | 0.61 |
| KRUC | 142.9 | 6 | Pn | 5:10:37.89 | | | 0.21 |
| | | | Sn | 10:55.01 | | | -0.96 |
| MOA | 144.5 | 273 | Pn | 5:10:38.17 | | | 0.30 |
| | | | Sn | 10:55.92 | | | -0.39 |
| KOGS | 148.5 | 178 | Sn | 5:10:57.73 | | | 0.51 |
| SOKA | 151.1 | 216 | Pn | 5:10:39.28 | | | 0.59 |
| | | | Sn | 10:56.77 | | | -1.01 |
| PERS | 151.4 | 213 | Pn | 5:10:39.37 | | | 0.64 |
| | | | Sn | 10:57.77 | | | -0.09 |
| GROS | 156.1 | 200 | Pn | 5:10:40.14 | | | 0.82 |
| | | | Sn | 10:59.40 | | | 0.50 |
| OBKA | 188.7 | 221 | Pn | 5:10:46.43 | | | 3.04 |
| | | | Sn | 11:09.14 | | | 3.00 |
| ZVC | 235.9 | 321 | ePn | 5:10:51.40 | | | 2.14 |
| | | | eSn | 11:20.20 | | | 3.60* |

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SOP | 32.1 | 187 | Sg | 7:40:31.38 | | | 0.20 |
| RONA | 38.3 | 218 | Pg | 7:40:28.05 | | | 0.24 |
| | | | Sg | 40:32.68 | | | -0.46 |
| WINA | 43.1 | 291 | Pg | 7:40:29.74 | | | 1.07 |
| | | | Sg | 40:35.12 | | | 0.44 |
| CONA | 56.4 | 265 | Pg | 7:40:31.47 | | | 0.43 |
| | | | Sg | 40:38.46 | | | -0.43 |
| MODS | 66.7 | 48 | Pg | 7:40:33.29 | | | 0.41 |
| | | | Sg | 40:42.03 | | | -0.15 |
| ARSA | 114.5 | 226 | Sg | 7:40:55.17 | | | -2.21 |
| KRUC | 122.5 | 352 | Sg | 7:40:57.79 | | | -2.12 |
| PKST | 132.8 | 126 | Sn | 7:41:02.41 | | | -0.56 |
| PKSG | 148.1 | 116 | Sn | 7:41:05.71 | | | -0.64 |

560.

2021-04-21 time: 9:04:05.52 UTC ML= 0.9
 lat: 47.751N lon: 16.133E h= 12.9 km
 erh= 1.7km erz= 1.5km
 nr= 13 gap=104 rms=0.47
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| RONA | 13.5 | 115 | PgD | 9:04:08.87 | | | 0.01 |
| | | | Sg | 04:10.75 | | | -0.71 |
| CONA | 28.3 | 314 | Pg | 9:04:11.58 | | | 0.50 |
| | | | Sg | 04:14.99 | | | -0.42 |
| SOP | 32.8 | 103 | Pg | 9:04:11.95 | | | 0.14 |
| WINA | 39.9 | 354 | Pg | 9:04:13.30 | | | 0.30 |
| | | | Sg | 04:18.34 | | | -0.49 |
| ARSA | 72.2 | 220 | Pg | 9:04:19.03 | | | 0.41 |
| | | | Sg | 04:28.02 | | | -0.82 |
| ABNA | 114.7 | 333 | Pn | 9:04:24.96 | | | -0.24 |
| | | | Sn | 04:38.01 | | | -2.55* |
| KRUC | 147.0 | 8 | Pn | 9:04:29.80 | | | 0.57 |
| | | | Sn | 04:47.07 | | | -0.66 |

561.

2021-04-21 time: 9:19:28.28 UTC ML= 2.0
 lat: 46.988N lon: 22.317E h= 0.0 km
 erh= 6.8km erz= 9.5km
 nr= 11 gap=168 rms=1.02
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DRGR | 37.2 | 126 | Pg | 9:19:35.18 | | | 0.26 |
| | | | Sg | 19:40.25 | | | 0.16 |
| CJR | 102.4 | 107 | Pg | 9:19:46.55 | | | -0.01 |
| | | | Sg | 19:59.43 | | | -1.40 |
| BMR | 117.3 | 50 | Pg | 9:19:50.84 | | | 1.63 |
| | | | Sg | 20:04.33 | | | -1.22 |
| TRPA | 128.1 | 8 | Pg | 9:19:50.20 | | | -0.94 |
| BZS | 161.7 | 199 | Pn | 9:19:54.96 | | | -0.52 |
| | | | Sn | 20:15.35 | | | -1.34 |
| GZR | 180.8 | 169 | Pn | 9:19:59.69 | | | 1.83 |
| | | | Sn | 20:21.32 | | | 0.39 |

558.

2021-04-21 time: 5:46:34.66 UTC ML= 1.2
 lat: 47.752N lon: 16.139E h= 11.6 km
 erh= 2.1km erz= 1.7km
 nr= 12 gap=103 rms=0.54
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 13.1 | 116 | PgD | 5:46:37.95 | | | 0.16 |
| | | | Sg | 46:40.05 | | | -0.18 |
| CONA | 28.6 | 313 | Pg | 5:46:40.50 | | | 0.33 |
| | | | Sg | 46:44.72 | | | 0.26 |
| WINA | 39.8 | 353 | Pg | 5:46:42.16 | | | 0.10 |
| | | | Sg | 46:47.04 | | | -0.79 |
| ARSA | 72.6 | 220 | Pg | 5:46:47.88 | | | 0.09 |
| | | | Sg | 46:56.97 | | | -1.06 |
| MODS | 109.4 | 51 | Pn | 5:46:54.01 | | | 0.15 |
| | | | Sn | 47:07.77 | | | -1.06 |

Hypocenter Parameters

Földrengés paraméterek

562.

2021-04-21 time: 9:37:28.02 UTC ML= 1.4
 lat: 47.928N lon: 16.053E h= 0.0 km
 erh= 1.8km erz= 642km
 nr= 10 gap=126 rms=0.50
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| CONA | 14.3 | 270 | Pg | 9:37:30.61 | | 0.04 | |
| | | | Sg | 37:32.81 | | 0.24 | |
| WINA | 20.0 | 4 | Pg | 9:37:31.78 | | 0.19 | |
| | | | Sg | 37:35.13 | | 0.76 | |
| RONA | 31.2 | 144 | Pg | 9:37:33.41 | | -0.18 | |
| | | | Sg | 37:38.15 | | 0.21 | |
| MODS | 103.7 | 61 | Pg | 9:37:46.89 | | 0.36 | |
| | | | Sg | 38:00.95 | | -0.02 | |
| KRUC | 128.6 | 11 | Pg | 9:37:49.98 | | -1.00 | |
| | | | Sg | 38:06.10 | | -2.79 | |

563.

2021-04-21 time: 9:53:35.14 UTC ML= 0.9
 lat: 47.194N lon: 18.303E h= 0.0 km
 erh= 1.4km erz= 3.2km
 nr= 9 gap=150 rms=0.37
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| CSKK | 19.1 | 350 | Pg | 9:53:38.69 | | 0.14 | |
| | | | Sg | 53:40.48 | | -0.74 | |
| PKST | 21.6 | 290 | Pg | 9:53:39.24 | | 0.24 | |
| | | | Sg | 53:41.78 | | -0.23 | |
| PKSG | 23.0 | 17 | Pg | 9:53:39.65 | | 0.40 | |
| | | | Sg | 53:42.63 | | 0.18 | |
| MORH | 111.8 | 167 | Sg | 9:54:10.50 | | -0.16 | |
| PKSM | 112.2 | 167 | Sg | 9:54:10.50 | | -0.28 | |
| VYHS | 150.0 | 15 | Sn | 9:54:19.94 | | -1.01 | |

564.

2021-04-21 time: 9:54:17.93 UTC ML= 1.0
 lat: 48.633N lon: 20.729E h= 0.0 km
 erh= 4.0km erz= 3.7km
 nr= 5 gap=231 rms=0.25
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| KECS | 24.5 | 227 | Pg | 9:54:22.10 | | -0.20 | |
| | | | Sg | 54:26.02 | | 0.31 | |
| ABAH | 53.2 | 135 | Sg | 9:54:34.96 | | 0.12 | |
| PSZ | 100.7 | 218 | Sg | 9:54:49.67 | | -0.28 | |
| VYHS | 140.6 | 264 | Sn | 9:55:01.97 | | 0.33 | |

565.

2021-04-21 time: 9:57:22.22 UTC ML= 1.4
 lat: 48.495N lon: 17.415E h= 0.0 km
 erh= 4.3km erz= 5.3km
 nr= 8 gap=145 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| SMOL | 2.3 | 27 | ePg | 9:57:22.00 | | -0.63 | |
| | | | eSg | 57:23.20 | | 0.25 | |
| MODS | 16.9 | 217 | Pg | 9:57:25.67 | | 0.43 | |
| | | | Sg | 57:28.28 | | 0.68 | |
| VYHS | 105.1 | 90 | Pg | 9:57:41.74 | | 0.76 | |
| | | | Sg | 57:54.35 | | -1.26 | |
| CONA | 131.5 | 241 | Pn | 9:57:45.80 | | 0.15 | |

Sn 58:01.97 -1.96

566.

2021-04-21 time: 12:39:26.05 UTC ML= 1.2
 lat: 47.763N lon: 16.161E h= 11.1 km
 erh= 2.6km erz= 2.3km
 nr= 14 gap= 95 rms=0.80
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.4 | 125 | Pg | 12:39:29.66 | | 0.64 | |
| | | | Sg | 39:31.66 | | 0.33 | |
| CONA | 29.0 | 309 | Pg | 12:39:32.39 | | 0.80 | |
| | | | Sg | 39:35.37 | | -0.54 | |
| SOP | 31.1 | 107 | Pg | 12:39:30.85 | | -1.10 | |
| | | | Sg | 39:35.35 | | -1.20 | |
| WINA | 38.8 | 350 | Pg | 12:39:33.72 | | 0.46 | |
| | | | Sg | 39:38.53 | | -0.35 | |
| ARSA | 74.6 | 220 | Pg | 12:39:39.62 | | 0.11 | |
| | | | Sg | 39:48.66 | | -1.35 | |
| MODS | 107.4 | 51 | Pn | 12:39:45.50 | | 0.44 | |
| | | | Sn | 39:58.89 | | -0.99 | |
| KRUC | 145.4 | 7 | Pn | 12:39:51.11 | | 1.31 | |
| | | | Sn | 40:07.58 | | -0.75 | |

567.

2021-04-21 time: 13:27:33.80 UTC ML= 1.5
 lat: 47.850N lon: 16.021E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 15 gap= 80 rms=0.67
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| CONA | 14.8 | 306 | Pg | 13:27:36.92 | | 0.48 | |
| | | | Sg | 27:39.26 | | 0.76 | |
| RONA | 26.5 | 129 | Pg | 13:27:38.81 | | 0.27 | |
| | | | Sg | 27:42.24 | | 0.00 | |
| WINA | 28.9 | 8 | Pg | 13:27:39.78 | | 0.81 | |
| | | | Sg | 27:43.89 | | 0.90 | |
| ARSA | 76.4 | 209 | Sg | 13:27:57.70 | | -0.40 | |
| ABNA | 101.2 | 334 | Pg | 13:27:51.85 | | -0.02 | |
| | | | Sg | 28:04.67 | | -1.29 | |
| MODS | 110.2 | 58 | Pg | 13:27:53.69 | | 0.20 | |
| | | | Sg | 28:08.23 | | -0.61 | |
| MOA | 131.3 | 270 | Pn | 13:27:57.58 | | 0.37 | |
| | | | Sn | 28:14.98 | | -0.49 | |
| KRUC | 137.6 | 12 | Pn | 13:27:57.10 | | -0.90 | |
| | | | Sn | 28:14.71 | | -2.16 | |

568.

2021-04-21 time: 19:05:15.80 UTC ML= 0.5
 lat: 47.753N lon: 16.155E h= 11.5 km
 erh= 1.3km erz= 1.2km
 nr= 11 gap=101 rms=0.31
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.2 | 119 | Pg | 19:05:18.95 | | 0.15 | |
| | | | Sg | 05:20.83 | | -0.30 | |
| CONA | 29.3 | 312 | Pg | 19:05:21.77 | | 0.34 | |
| | | | Sg | 05:25.57 | | -0.25 | |
| SOP | 31.3 | 104 | Pg | 19:05:21.79 | | 0.04 | |
| WINA | 39.8 | 351 | Pg | 19:05:23.35 | | 0.14 | |
| | | | Sg | 05:28.58 | | -0.40 | |
| ARSA | 73.4 | 220 | Sg | 19:05:38.98 | | -0.45 | |
| MODS | 108.4 | 50 | Sn | 19:05:47.82 | | -1.95 | |
| KRUC | 146.6 | 7 | Pn | 19:05:39.97 | | 0.33 | |
| | | | Sn | 05:57.97 | | -0.27 | |

Földrengés paraméterek

Hypocenter Parameters

569.

2021-04-22 time: 1:38:28.42 UTC ML= 1.5
 lat: 47.510N lon: 19.549E h= 8.1 km
 erh= 1.7km erz= 1.6km
 nr= 24 gap=161 rms=0.63
 Locality: Dány
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 37.1 | 327 | Pg | 1:38:35.92 | 0.71 |
| | | | Sg | 38:41.10 | 0.60 |
| BUD | 39.7 | 266 | Sg | 1:38:41.46 | 0.17 |
| PSZ | 52.3 | 30 | Pg | 1:38:37.48 | -0.39 |
| | | | Sg | 38:44.61 | -0.64 |
| PKSG | 88.3 | 261 | Pg | 1:38:44.68 | 0.42 |
| | | | Sg | 38:55.92 | -0.70 |
| PKB2 | 95.7 | 194 | Pg | 1:38:45.58 | 0.00 |
| | | | Sg | 38:57.74 | -1.22 |
| CSKK | 98.6 | 260 | Sg | 1:38:59.30 | -0.55 |
| PKB1 | 99.0 | 215 | Pg | 1:38:45.98 | -0.17 |
| | | | Sg | 38:59.05 | -0.94 |
| A338 | 105.9 | 302 | Pg | 1:38:47.63 | 0.25 |
| | | | Sg | 39:01.66 | -0.51 |
| PKST | 117.7 | 256 | Pn | 1:38:49.26 | 0.16 |
| | | | Sn | 39:04.52 | -0.71 |
| PKB5 | 119.0 | 211 | Pn | 1:38:49.31 | 0.05 |
| | | | Sn | 39:04.62 | -0.89 |
| KECS | 128.9 | 33 | Sn | 1:39:06.53 | -1.17 |
| PKB4 | 133.6 | 213 | Pn | 1:38:51.52 | 0.44 |
| | | | Sn | 39:08.89 | 0.13 |
| MORH | 159.5 | 206 | Sn | 1:39:15.96 | 1.45 |
| PKSM | 160.0 | 206 | Pn | 1:38:55.73 | 1.36 |
| | | | Sn | 39:15.81 | 1.19 |

570.

2021-04-22 time: 5:49:06.28 UTC ML= 1.7
 lat: 48.060N lon: 19.897E h= 12.3 km
 erh= 3.3km erz= 2.7km
 nr= 16 gap=106 rms=1.11
 Locality: Mátraszele
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 15.8 | 181 | PgD | 5:49:10.14 | 0.29 |
| | | | Sg | 49:12.65 | 0.01 |
| PENC | 54.9 | 237 | Pg | 5:49:16.66 | 0.33 |
| | | | Sg | 49:23.53 | -0.64 |
| KECS | 64.2 | 43 | Pg | 5:49:17.82 | -0.13 |
| | | | Sg | 49:26.05 | -1.00 |
| VYHS | 92.4 | 301 | Pg | 5:49:22.67 | -0.25 |
| | | | Sg | 49:33.64 | -2.26 |
| ABAH | 103.2 | 75 | P* | 5:49:24.66 | 0.09 |
| | | | S* | 49:37.00 | -1.84 |
| A338 | 115.3 | 268 | Sn | 5:49:41.12 | -0.48 |
| LANS | 125.3 | 345 | ePn | 5:49:29.00 | 1.63 |
| | | | eSn | 49:42.40 | -1.42 |
| PKSN | 129.3 | 181 | Sn | 5:49:44.43 | -0.28 |
| NIE | 154.2 | 11 | Pn | 5:49:34.25 | 3.29 |
| | | | Sn | 49:52.13 | 1.91 |

571.

2021-04-22 time: 8:54:18.23 UTC ML= 1.3
 lat: 48.437N lon: 19.526E h= 0.0 km
 erh= 1.7km erz= 682km
 nr= 10 gap= 80 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| VYHS | 51.4 | 277 | Pg | 8:54:27.91 | 0.50 |
| | | | Sg | 54:34.33 | -0.24 |
| PSZ | 63.8 | 155 | Pg | 8:54:30.12 | 0.50 |

| | | | | | |
|------|-------|-----|-----|------------|-------|
| | | | Sg | 54:38.25 | -0.25 |
| KECS | 71.2 | 86 | Pg | 8:54:31.57 | 0.64 |
| | | | Sg | 54:40.26 | -0.59 |
| PENC | 74.1 | 194 | Sg | 8:54:41.01 | -0.77 |
| LANS | 79.5 | 357 | eSg | 8:54:43.20 | -0.30 |
| A338 | 99.0 | 242 | Sg | 8:54:49.14 | -0.55 |
| NIE | 123.5 | 28 | Sg | 8:54:56.83 | -0.67 |

572.

2021-04-22 time: 9:24:37.54 UTC ML= 1.6
 lat: 47.329N lon: 18.438E h= 0.0 km
 erh= 2.9km erz= 5.0km
 nr= 8 gap=160 rms=0.63
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.8 | 333 | Pg | 9:24:39.28 | 0.34 |
| | | | Sg | 24:39.58 | -0.45 |
| CSKK | 13.9 | 286 | Pg | 9:24:40.68 | 0.66 |
| | | | Sg | 24:42.21 | 0.25 |
| PKST | 31.5 | 256 | Sg | 9:24:46.61 | -0.94 |
| MORH | 124.7 | 173 | Sg | 9:25:16.68 | -0.51 |
| PKSM | 125.2 | 173 | Sg | 9:25:17.79 | 0.47 |
| VYHS | 132.9 | 13 | Sn | 9:25:18.29 | -1.27 |

573.

2021-04-22 time: 9:25:39.34 UTC ML= 1.5
 lat: 47.329N lon: 18.447E h= 0.0 km
 erh= 1.4km erz= 5.4km
 nr= 10 gap=114 rms=0.46
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.2 | 329 | Pg | 9:25:41.10 | 0.30 |
| | | | Sg | 25:41.55 | -0.39 |
| CSKK | 14.6 | 285 | Pg | 9:25:42.30 | 0.36 |
| | | | Sg | 25:44.31 | 0.34 |
| PKST | 32.2 | 256 | Pg | 9:25:45.22 | 0.14 |
| | | | Sg | 25:48.68 | -0.88 |
| MORH | 124.7 | 173 | Sg | 9:26:18.56 | -0.40 |
| PKSM | 125.1 | 173 | Sg | 9:26:19.36 | 0.27 |
| PSZ | 127.0 | 59 | Sg | 9:26:19.46 | -0.26 |
| VYHS | 132.8 | 13 | Sn | 9:26:19.46 | -1.87 |

574.

2021-04-22 time: 9:38:38.92 UTC ML= 1.8
 lat: 48.201N lon: 21.307E h= 0.0 km
 erh= 3.5km erz= 4.4km
 nr= 10 gap=158 rms=0.75
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 11.7 | 334 | Pg | 9:38:41.65 | 0.65 |
| | | | Sg | 38:42.91 | 0.29 |
| KECS | 68.5 | 297 | Pg | 9:38:51.34 | 0.19 |
| | | | Sg | 38:59.73 | -0.96 |
| TRPA | 92.0 | 95 | Pg | 9:38:56.14 | 0.80 |
| | | | Sg | 39:07.28 | -0.88 |
| KOLS | 108.2 | 41 | Sg | 9:39:11.48 | -1.82 |
| PSZ | 109.9 | 253 | Sg | 9:39:12.68 | -1.18 |
| NIE | 153.8 | 332 | Pn | 9:39:05.35 | 0.22 |
| | | | Sn | 39:25.76 | 0.18 |

Hypocenter Parameters

Földrengés paraméterek

575.

2021-04-22 time: 9:51:44.88 UTC ML= 1.5
 lat: 48.673N lon: 20.799E h= 0.0 km
 erh= 3.2km erz= 3.0km
 nr= 7 gap=240 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 31.3 | 228 | Pg | 9:51:50.91 | | | 0.43 |
| | | | Sg | | 51:55.25 | | 0.41 |
| ABAH | 53.0 | 142 | Pg | 9:51:54.40 | | | 0.04 |
| | | | Sg | | 52:01.50 | | -0.24 |
| PSZ | 107.5 | 219 | Pg | 9:52:03.86 | | | -0.21 |
| | | | Sg | | 52:18.62 | | -0.42 |
| VYHS | 146.2 | 262 | Sn | 9:52:29.51 | | | -0.35 |

576.

2021-04-22 time: 10:06:31.89 UTC ML= 1.2
 lat: 48.444N lon: 19.554E h= 0.0 km
 erh= 2.1km erz= 508km
 nr= 7 gap=170 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| VYHS | 53.4 | 276 | Pg | 10:06:41.67 | | | 0.25 |
| | | | Sg | | 06:48.30 | | -0.55 |
| PSZ | 63.7 | 157 | Pg | 10:06:43.28 | | | 0.01 |
| | | | Sg | | 06:52.11 | | -0.03 |
| KECS | 69.1 | 86 | Pg | 10:06:44.54 | | | 0.32 |
| | | | Sg | | 06:53.72 | | -0.12 |
| ABAH | 126.0 | 98 | Sg | 10:07:11.05 | | | -0.88 |

577.

2021-04-22 time: 12:04:14.17 UTC ML= 1.5
 lat: 48.612N lon: 20.767E h= 0.0 km
 erh= 4.2km erz= 4.8km
 nr= 8 gap=230 rms=0.41
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| KECS | 25.2 | 235 | Pg | 12:04:18.40 | | | -0.28 |
| | | | Sg | | 04:22.07 | | -0.12 |
| ABAH | 49.6 | 135 | Pg | 12:04:23.09 | | | 0.07 |
| | | | Sg | | 04:29.25 | | -0.68 |
| PSZ | 100.7 | 220 | Pg | 12:04:32.63 | | | 0.47 |
| | | | Sg | | 04:46.39 | | 0.20 |
| VYHS | 143.2 | 265 | Pn | 12:04:39.38 | | | 0.33 |
| | | | Sn | | 04:57.16 | | -1.30 |

578.

2021-04-22 time: 13:27:29.00 UTC ML= 1.8
 lat: 47.070N lon: 19.415E h= 0.0 km
 erh= 1.5km erz= 277km
 nr= 7 gap=191 rms=0.19
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKS7 | 19.5 | 262 | Pg | 13:27:32.61 | | | 0.13 |
| | | | Sg | | 27:35.07 | | -0.13 |
| PENC | 80.7 | 353 | Pg | 13:27:43.60 | | | 0.20 |
| PSZ | 100.9 | 21 | Pg | 13:27:46.82 | | | -0.20 |
| MORH | 111.9 | 212 | Pg | 13:27:48.92 | | | -0.05 |
| | | | Sg | | 28:03.89 | | -0.66 |
| PKSM | 112.4 | 212 | Pg | 13:27:49.17 | | | 0.11 |

579.

2021-04-22 time: 16:30:25.49 UTC ML= 1.0
 lat: 47.758N lon: 16.140E h= 11.7 km
 erh= 2.1km erz= 1.7km
 nr= 14 gap= 97 rms=0.65
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 13.4 | 119 | Pg | 16:30:28.93 | | | 0.26 |
| | | | Sg | | 30:30.81 | | -0.34 |
| CONA | 28.1 | 312 | Pg | 16:30:31.70 | | | 0.77 |
| | | | Sg | | 30:34.15 | | -1.03 |
| SOP | 32.5 | 105 | Sg | 16:30:35.88 | | | -0.58 |
| | | | Pg | 16:30:33.37 | | | 0.59 |
| WINA | 39.1 | 353 | Pg | 16:30:38.43 | | | -0.04 |
| | | | Sg | | 30:38.43 | | -0.06 |
| ARSA | 73.1 | 219 | Pg | 16:30:38.78 | | | 0.06 |
| | | | Sg | | 30:47.79 | | -1.25 |
| ABNA | 114.2 | 333 | Pn | 16:30:45.10 | | | -0.18 |
| | | | Sn | | 30:58.11 | | -2.60 |
| KOGS | 145.9 | 177 | Sn | 16:31:08.50 | | | 0.76 |
| KRUC | 146.2 | 7 | Pn | 16:30:49.75 | | | 0.49 |
| | | | Sn | | 31:07.11 | | -0.68 |

580.

2021-04-22 time: 17:11:37.44 UTC ML= 1.1
 lat: 47.756N lon: 16.129E h= 12.8 km
 erh= 2.4km erz= 1.9km
 nr= 12 gap=109 rms=0.60
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 14.0 | 117 | Pg | 17:11:40.83 | | | 0.01 |
| | | | Sg | | 11:42.64 | | -0.82 |
| CONA | 27.7 | 314 | Pg | 17:11:43.44 | | | 0.56 |
| | | | Sg | | 11:46.35 | | -0.78 |
| WINA | 39.2 | 354 | Pg | 17:11:45.29 | | | 0.48 |
| | | | Sg | | 11:50.17 | | -0.39 |
| ARSA | 72.5 | 219 | Pg | 17:11:50.92 | | | 0.34 |
| | | | Sg | | 12:00.19 | | -0.63 |
| ABNA | 114.1 | 333 | Pn | 17:11:57.22 | | | 0.16 |
| | | | Sn | | 12:10.38 | | -1.98 |
| KRUC | 146.5 | 8 | Pn | 17:12:01.82 | | | 0.72 |
| | | | Sn | | 12:18.79 | | -0.77 |

581.

2021-04-22 time: 20:25:52.77 UTC ML= 0.8
 lat: 47.761N lon: 16.166E h= 12.3 km
 erh= 1.4km erz= 1.3km
 nr= 12 gap=100 rms=0.35
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 12.0 | 125 | PgD | 20:25:55.94 | | | 0.11 |
| | | | Sg | | 25:57.81 | | -0.41 |
| CONA | 29.4 | 309 | Pg | 20:25:58.56 | | | 0.11 |
| | | | Sg | | 26:02.93 | | 0.05 |
| SOP | 30.7 | 106 | Pg | 20:25:59.07 | | | 0.39 |
| | | | Sg | | 26:03.16 | | -0.12 |
| WINA | 39.1 | 350 | Pg | 20:26:00.43 | | | 0.35 |
| | | | Sg | | 26:05.34 | | -0.45 |
| ARSA | 74.6 | 220 | Pg | 20:26:06.07 | | | -0.20 |
| | | | Sg | | 26:15.20 | | -1.60 |
| KRUC | 145.6 | 7 | Pn | 20:26:16.66 | | | 0.27 |
| | | | Sn | | 26:34.04 | | -0.77 |

Földrengés paraméterek

Hypocenter Parameters

582.

2021-04-23 time: 7:01:22.67 UTC ML= 1.1
 lat: 47.056N lon: 18.000E h= 0.0 km
 erh= 1.2km erz= 384km
 nr= 9 gap=114 rms=0.29
 Locality: Balatonfűzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 22.8 | 7 | Pg | 7:01:26.36 | -0.37 |
| | | | Sg | 01:30.28 | 0.37 |
| MPLH | 37.2 | 290 | Sg | 7:01:34.59 | 0.09 |
| CSKK | 39.5 | 30 | Sg | 7:01:34.94 | -0.28 |
| PKSG | 47.7 | 38 | Pg | 7:01:31.55 | 0.37 |
| | | | Sg | 01:37.66 | -0.16 |
| MORH | 105.6 | 152 | Pg | 7:01:41.72 | 0.20 |
| | | | Sg | 01:55.88 | -0.34 |
| KOVH | 107.8 | 176 | Sg | 7:01:56.86 | -0.07 |

583.

2021-04-23 time: 9:08:16.66 UTC ML= 1.6
 lat: 47.862N lon: 19.096E h= 0.0 km
 erh= 1.9km erz= 3.8km
 nr= 9 gap=110 rms=0.44
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 16.0 | 120 | Pg | 9:08:19.90 | 0.38 |
| | | | Sg | 08:21.51 | -0.25 |
| PSZ | 60.1 | 84 | Pg | 9:08:27.43 | 0.04 |
| | | | Sg | 08:35.42 | -0.34 |
| VYHS | 72.9 | 345 | Sg | 9:08:39.89 | 0.05 |
| PKST | 104.2 | 230 | Sg | 9:08:49.17 | -0.63 |
| KECS | 124.4 | 56 | Pg | 9:08:39.43 | 0.56 |
| | | | Sg | 08:55.00 | -1.19 |
| EGYH | 141.4 | 250 | Sn | 9:09:00.52 | -0.06 |

584.

2021-04-23 time: 9:45:46.87 UTC ML= 1.1
 lat: 47.546N lon: 16.337E h= 0.0 km
 erh= 2.4km erz= 3.2km
 nr= 10 gap=160 rms=0.49
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 17.3 | 350 | Pg | 9:45:50.16 | 0.19 |
| | | | Sg | 45:51.97 | -0.41 |
| SOP | 22.6 | 48 | Pg | 9:45:51.15 | 0.25 |
| | | | Sg | 45:53.36 | -0.68 |
| CONA | 55.5 | 320 | Pg | 9:45:57.17 | 0.39 |
| | | | Sg | 46:04.42 | -0.08 |
| ARSA | 69.7 | 242 | Sg | 9:46:08.13 | -0.90 |
| GROS | 136.4 | 208 | Sn | 9:46:27.25 | -2.41 |
| MOA | 159.1 | 282 | Pn | 9:46:14.07 | 0.33 |
| | | | Sn | 46:35.17 | 0.47 |

585.

2021-04-23 time: 9:47:14.26 UTC ML= 1.5
 lat: 48.595N lon: 20.725E h= 0.0 km
 erh= 1.7km erz= 3.1km
 nr= 13 gap= 90 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 21.6 | 235 | Pg | 9:47:18.11 | -0.01 |
| | | | Sg | 47:21.52 | 0.39 |
| ABAH | 50.5 | 131 | Pg | 9:47:23.23 | -0.05 |

| | | | | | |
|------|-------|-----|-----|------------|--------|
| | | | Sg | 47:30.16 | -0.16 |
| NIE | 96.5 | 342 | Pg | 9:47:32.07 | 0.58 |
| | | | Sg | 47:44.12 | -0.80 |
| PSZ | 97.3 | 219 | Pg | 9:47:31.16 | -0.47 |
| | | | Sg | 47:45.42 | 0.24 |
| LANS | 111.0 | 304 | ePg | 9:47:33.90 | -0.19 |
| | | | eSg | 47:46.60 | -2.95* |
| KOLS | 119.9 | 72 | ePg | 9:47:36.90 | 1.23 |
| | | | eSg | 47:50.40 | -1.96 |
| VYHS | 139.9 | 265 | Pn | 9:47:38.79 | 0.05 |
| | | | Sn | 47:57.17 | -0.67 |

586.

2021-04-23 time: 10:31:05.49 UTC ML= 1.3
 lat: 46.304N lon: 21.881E h= 0.0 km
 erh= 3.0km erz= 877km
 nr= 8 gap=153 rms=0.63
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 17.5 | 257 | Pg | 10:31:08.68 | 0.06 |
| | | | Sg | 31:10.44 | -0.62 |
| BZS | 79.1 | 195 | Pg | 10:31:19.88 | 0.26 |
| | | | Sg | 31:29.32 | -1.32 |
| DRGR | 83.6 | 50 | Pg | 10:31:20.63 | 0.21 |
| | | | Sg | 31:31.17 | -0.90 |
| GZR | 122.9 | 145 | Pg | 10:31:28.47 | 1.04 |
| | | | Sg | 31:44.29 | -0.25 |

587.

2021-04-23 time: 10:56:06.95 UTC ML= 1.3
 lat: 48.503N lon: 20.794E h= 0.0 km
 erh= 2.6km erz= 4.5km
 nr= 8 gap=144 rms=0.53
 Locality: Tornaszentandrás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.9 | 265 | Pg | 10:56:10.21 | -0.83 |
| | | | Sg | 56:14.58 | 0.35 |
| ABAH | 40.2 | 125 | Pg | 10:56:14.28 | 0.15 |
| | | | Sg | 56:19.15 | -0.58 |
| PSZ | 93.2 | 226 | Pg | 10:56:24.22 | 0.62 |
| | | | Sg | 56:36.82 | 0.23 |
| NIE | 107.8 | 341 | Pg | 10:56:26.53 | 0.33 |
| VYHS | 144.7 | 270 | Sn | 10:56:50.78 | -0.81 |

588.

2021-04-23 time: 15:17:17.69 UTC ML= 1.8
 lat: 47.784N lon: 16.195E h= 10.5 km
 erh= 2.7km erz= 2.2km
 nr= 20 gap= 62 rms=0.95
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.1 | 141 | PgD | 15:17:21.10 | 0.55 |
| | | | Sg | 17:22.99 | 0.21 |
| SOP | 29.4 | 112 | PgD | 15:17:23.95 | 0.68 |
| | | | Sg | 17:27.77 | 0.14 |
| CONA | 29.7 | 303 | Pg | 15:17:23.43 | 0.12 |
| | | | Sg | 17:27.55 | -0.15 |
| ARSA | 78.0 | 220 | Pg | 15:17:30.88 | -0.87 |
| | | | Sg | 17:40.08 | -2.63 |
| EGYH | 94.7 | 116 | Sg | 15:17:47.57 | -0.41 |
| MODS | 103.9 | 51 | P* | 15:17:36.20 | -0.05 |
| | | | S* | 17:49.80 | -0.93 |
| ABNA | 113.7 | 330 | Pn | 15:17:37.02 | -0.52 |
| | | | Sn | 17:50.70 | -2.33 |
| KRUC | 142.8 | 6 | Pn | 15:17:41.48 | 0.30 |
| | | | Sn | 17:58.74 | -0.77 |

Hypocenter Parameters

KOGS 148.6 178 Sn 15:18:01.93 1.14
 TREC 175.9 343 eSn 15:18:07.70 0.85
 BIOA 192.1 267 Pn 15:17:49.85 2.53
 Sn 18:12.59 2.15
 ZVC 235.9 321 ePn 15:17:54.60 1.81

589.

2021-04-23 time: 15:30:06.96 UTC ML= 1.0
 lat: 47.763N lon: 16.151E h= 13.1 km
 erh= 2.4km erz= 1.7km
 nr= 12 gap=116 rms=0.58
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 13.0 | 123 | PgU | 15:30:10.56 | | | 0.30 |
| | | | Sg | 30:12.44 | | | -0.39 |
| CONA | 28.4 | 310 | Pg | 15:30:13.07 | | | 0.52 |
| | | | Sg | 30:16.86 | | | -0.05 |
| WINA | 38.8 | 351 | Pg | 15:30:14.83 | | | 0.56 |
| | | | Sg | 30:19.19 | | | -0.78 |
| ARSA | 74.0 | 220 | Pg | 15:30:20.23 | | | -0.15 |
| | | | Sg | 30:29.49 | | | -1.36 |
| ABNA | 114.2 | 332 | Pn | 15:30:26.66 | | | 0.11 |
| | | | Sn | 30:40.59 | | | -1.24 |
| KRUC | 145.6 | 7 | Pn | 15:30:31.17 | | | 0.70 |
| | | | Sn | 30:48.44 | | | -0.36 |

590.

2021-04-23 time: 16:30:31.22 UTC ML= 3.5
 lat: 47.721N lon: 16.018E h= 7.6 km
 erh= 1.3km erz= 1.2km
 nr= 86 gap= 57 rms=0.97
 Locality: Austria
 Comments:

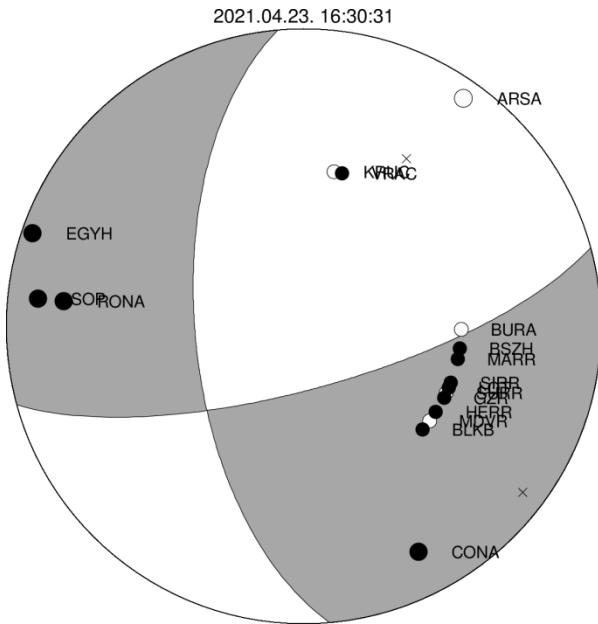
| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 21.0 | 96 | PgU | 16:30:35.06 | | | -0.16 |
| | | | Sg | 30:38.22 | | | -0.11 |
| CONA | 25.9 | 333 | PgU | 16:30:36.22 | | | 0.18 |
| SOP | 40.8 | 96 | PgU | 16:30:38.21 | | | -0.42 |
| | | | Sg | 30:43.46 | | | -0.95 |
| WINA | 43.2 | 6 | Pg | 16:30:39.60 | | | 0.54 |
| | | | Sg | 30:46.02 | | | 0.85 |
| ARSA | 64.2 | 215 | PgD | 16:30:41.93 | | | -0.83 |
| | | | Sg | 30:49.28 | | | -2.48 |
| EGYH | 104.5 | 109 | PgU | 16:30:49.45 | | | -0.48 |
| | | | Sg | 31:03.46 | | | -1.06 |
| ABNA | 114.2 | 338 | Pn | 16:30:50.49 | | | -1.04 |
| | | | Sn | 31:04.35 | | | -3.02 |
| MODS | 118.7 | 52 | Pn | 16:30:51.19 | | | -0.91 |
| | | | Sn | 31:07.31 | | | -1.07 |
| A339 | 123.4 | 84 | Pn | 16:30:52.52 | | | -0.16 |
| | | | Sn | 31:08.77 | | | -0.64 |
| MPLH | 130.1 | 118 | Pn | 16:30:53.08 | | | -0.43 |
| | | | Sn | 31:10.51 | | | -0.38 |
| MOA | 132.0 | 276 | Pn | 16:30:53.48 | | | -0.28 |
| | | | Sn | 31:10.35 | | | -0.98 |
| SMOL | 137.2 | 50 | ePn | 16:30:54.90 | | | 0.50 |
| | | | eSn | 31:12.40 | | | -0.07 |
| SOKA | 137.8 | 213 | Pn | 16:30:53.61 | | | -0.87 |
| PERS | 138.6 | 210 | Pn | 16:30:53.91 | | | -0.66 |
| KOGS | 142.5 | 173 | Pn | 16:30:54.91 | | | -0.15 |
| | | | Sn | 31:13.20 | | | -0.46 |
| A337 | 144.6 | 66 | Pn | 16:30:55.24 | | | -0.08 |
| | | | Sn | 31:13.80 | | | -0.31 |
| GROS | 145.4 | 196 | Pn | 16:30:55.05 | | | -0.37 |
| | | | Sn | 31:12.42 | | | -1.87 |
| BEHE | 150.4 | 158 | Pn | 16:30:57.76 | | | 1.71 |
| | | | Sn | 31:15.98 | | | 0.57 |
| KRUC | 151.8 | 11 | PnD | 16:30:56.12 | | | -0.09 |
| | | | Sn | 31:14.21 | | | -1.50 |
| PKST | 160.4 | 109 | Pn | 16:30:56.56 | | | -0.73 |

Földrengés paraméterek

| | | | | | | | |
|------|-------|-----|-----|-------------|--|--|--------|
| | | | Sn | 31:18.12 | | | 0.50 |
| ZAVS | 161.7 | 208 | iPn | 16:30:57.72 | | | 0.27 |
| | | | eSn | 31:15.46 | | | -2.44 |
| TIH | 168.6 | 123 | Pn | 16:30:59.83 | | | 1.51 |
| CSKK | 173.5 | 103 | Pn | 16:30:59.49 | | | 0.57 |
| OBKA | 174.8 | 220 | Pn | 16:30:59.72 | | | 0.63 |
| | | | Sn | 31:19.42 | | | -1.40 |
| A338 | 177.7 | 79 | Pn | 16:31:02.06 | | | 2.61 |
| BIOA | 178.6 | 269 | Pn | 16:31:00.62 | | | 1.06 |
| | | | Sn | 31:23.11 | | | 1.45 |
| TREC | 179.4 | 347 | ePn | 16:31:00.50 | | | 0.84 |
| | | | eSn | 31:21.80 | | | -0.04 |
| DOBS | 179.6 | 193 | ePn | 16:30:59.94 | | | 0.26 |
| | | | eSn | 31:22.94 | | | 1.06 |
| VRAC | 181.6 | 14 | PnC | 16:31:00.93 | | | 0.99 |
| VRAC | 181.6 | 14 | Sn | 16:31:23.80 | | | 1.47 |
| PKSG | 182.3 | 102 | Pn | 16:30:59.46 | | | -0.56 |
| GOLS | 192.4 | 189 | ePn | 16:31:01.80 | | | 0.52 |
| MOZS | 198.7 | 217 | iPn | 16:31:02.66 | | | 0.60 |
| | | | eSn | 31:27.15 | | | 1.03 |
| PDKS | 200.2 | 203 | ePn | 16:31:02.83 | | | 0.58 |
| PTJ | 202.4 | 181 | Pn | 16:31:05.69 | | | 3.16 |
| LEGS | 204.1 | 195 | ePn | 16:31:02.92 | | | 0.19 |
| | | | eSn | 31:28.81 | | | 1.50 |
| VNDS | 206.0 | 209 | ePn | 16:31:03.54 | | | 0.56 |
| | | | eSn | 31:28.95 | | | 1.20 |
| PKS9 | 212.8 | 126 | Pn | 16:31:07.90 | | | 4.07 |
| KBA | 214.0 | 251 | Pn | 16:31:05.38 | | | 1.40 |
| | | | Sn | 31:34.11 | | | 4.58* |
| CRES | 214.9 | 191 | Pn | 16:31:04.19 | | | 0.10 |
| | | | Sn | 31:30.21 | | | 0.49 |
| MYKA | 217.1 | 236 | Pn | 16:31:05.07 | | | 0.71 |
| | | | Sn | 31:30.47 | | | 0.26 |
| VYHS | 226.9 | 68 | Pn | 16:31:09.41 | | | 3.83 |
| BUD | 227.6 | 97 | Pn | 16:31:09.40 | | | 3.73 |
| PKB4 | 238.9 | 125 | Pn | 16:31:06.90 | | | -0.17 |
| PKS7 | 248.9 | 107 | Pn | 16:31:08.02 | | | -0.30 |
| LESA | 253.5 | 263 | Pn | 16:31:09.99 | | | 1.09 |
| | | | Sn | 31:38.72 | | | 0.43 |
| MORC | 254.7 | 26 | Pn | 16:31:09.19 | | | 0.14 |
| PKSV | 265.7 | 140 | Pn | 16:31:10.11 | | | -0.30 |
| KRLC | 267.8 | 12 | Pn | 16:31:11.32 | | | 0.64 |
| | | | Sn | 31:41.50 | | | 0.04 |
| PKB2 | 270.6 | 115 | Pn | 16:31:11.22 | | | 0.19 |
| PRU | 274.5 | 337 | ePn | 16:31:13.30 | | | 1.78 |
| TRI | 282.3 | 218 | Pn | 16:31:12.14 | | | -0.35 |
| | | | Sn | 31:44.32 | | | -0.36 |
| ABTA | 286.6 | 248 | Pn | 16:31:13.25 | | | 0.22 |
| PSZ | 291.2 | 86 | Pn | 16:31:13.84 | | | 0.24 |
| | | | Sn | 31:46.48 | | | -0.17 |
| LANS | 300.8 | 58 | eSn | 16:31:49.70 | | | 0.92* |
| BSZH | 323.5 | 98 | PnC | 16:31:21.04 | | | 3.41* |
| WTTA | 334.0 | 261 | Pn | 16:31:20.46 | | | 1.52* |
| WATA | 337.2 | 263 | Pn | 16:31:21.20 | | | 1.87* |
| | | | Sn | 31:57.09 | | | 0.23* |
| BLY | 342.3 | 165 | Pn | 16:31:20.35 | | | 0.37* |
| KECS | 343.4 | 76 | Pn | 16:31:19.94 | | | -0.17* |
| SQTA | 366.8 | 261 | Pn | 16:31:24.88 | | | 1.86* |
| NIE | 369.0 | 59 | Pn | 16:31:23.35 | | | 0.05* |
| | | | Sn | 32:04.05 | | | 0.12* |
| MOTA | 372.4 | 264 | Pn | 16:31:25.13 | | | 1.41* |
| | | | Sn | 32:04.14 | | | -0.53* |
| OJC | 392.3 | 45 | Pn | 16:31:26.56 | | | 0.36* |
| RETA | 396.0 | 266 | Pn | 16:31:28.11 | | | 1.44* |
| FETA | 406.9 | 259 | Pn | 16:31:29.88 | | | 1.85* |
| FRGS | 409.3 | 135 | Pn | 16:31:27.87 | | | -0.46* |
| SIRR | 458.6 | 111 | PnC | 16:31:38.29 | | | 3.82* |
| DAVA | 464.9 | 264 | Pn | 16:31:36.57 | | | 1.31* |
| | | | Sn | 32:25.87 | | | 0.67* |
| BZS | 488.2 | 119 | Pn | 16:31:37.44 | | | -0.72* |
| BBL5 | 502.9 | 148 | Pn | 16:31:40.58 | | | 0.58* |
| SURR | 515.4 | 115 | PnD | 16:31:43.66 | | | 2.10* |
| DRGR | 517.1 | 102 | Pn | 16:31:41.24 | | | -0.53* |
| MDVR | 547.4 | 127 | PnD | 16:31:46.96 | | | 1.42* |
| MARR | 550.5 | 102 | PnC | 16:31:48.17 | | | 2.24* |

Földrengés paraméterek

GZR 579.3 117 PnC 16:31:52.62 3.10*
 HERR 585.4 123 PnC 16:31:51.60 1.32*
 LOT 645.6 113 PnC 16:32:00.99 3.20*
 BLKB 690.3 131 PnC 16:32:05.14 1.77*
 BURA 691.0 91 PnD 16:32:06.93 3.48*



591.

2021-04-23 time: 16:37:43.94 UTC ML= 1.2
 lat: 47.688N lon: 16.014E h= 10.6 km
 erh= 1.8km erz= 1.5km
 nr= 18 gap=126 rms=0.62
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.2 | 87 | Pg | 16:37:48.38 | 0.20 |
| | | | Sg | 37:51.02 | -0.47 |
| CONA | 29.0 | 337 | Pg | 16:37:49.82 | 0.36 |
| | | | Sg | 37:53.15 | -0.62 |
| SOP | 40.9 | 91 | Pg | 16:37:52.99 | 0.12 |
| | | | Sg | 37:55.92 | -1.45 |
| WINA | 46.8 | 5 | Pg | 16:37:52.99 | 0.47 |
| | | | Sg | 37:59.15 | -0.05 |
| ARSA | 61.1 | 217 | Pg | 16:37:55.11 | 0.09 |
| | | | Sg | 38:02.42 | -1.25 |
| ABNA | 117.5 | 338 | Pn | 16:38:03.88 | -0.38 |
| | | | Sn | 38:18.51 | -1.60 |
| MODS | 121.2 | 51 | Pn | 16:38:05.21 | 0.48 |
| | | | Sn | 38:20.37 | -0.57 |
| MOA | 132.3 | 278 | Pn | 16:38:07.30 | 1.19 |
| | | | Sn | 38:23.99 | 0.59 |
| KRUC | 155.3 | 10 | Pn | 16:38:09.47 | 0.48 |
| | | | Sn | 38:28.05 | -0.47 |

592.

2021-04-23 time: 16:45:37.39 UTC ML= 1.1
 lat: 47.689N lon: 16.030E h= 10.9 km
 erh= 1.8km erz= 1.5km
 nr= 15 gap=127 rms=0.59
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 20.0 | 87 | PgD | 16:45:41.86 | 0.40 |
| | | | Sg | 45:44.50 | -0.13 |

Hypocenter Parameters

CONA 29.5 335 Pg 16:45:43.13 0.13
 Sg 45:47.05 -0.33
 SOP 39.6 91 Sg 16:45:49.99 -0.47
 WINA 46.6 4 Pg 16:45:46.47 0.53
 Sg 45:52.14 -0.47
 ARSA 61.9 218 Pg 16:45:48.64 0.02
 Sg 45:55.89 -1.49
 ABNA 117.8 338 Sn 16:46:12.45 -1.13
 MODS 120.2 51 Sn 16:46:13.56 -0.54
 MOA 133.5 278 Pn 16:46:00.03 0.36
 Sn 46:18.15 1.10
 KRUC 155.0 10 Pn 16:46:03.16 0.80
 Sn 46:21.14 -0.70

593.

2021-04-23 time: 16:46:50.83 UTC ML= 0.8
 lat: 47.684N lon: 16.011E h= 10.8 km
 erh= 2.5km erz= 3.2km
 nr= 8 gap=132 rms=0.49
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.5 | 85 | Pg | 16:46:55.31 | 0.19 |
| | | | Sg | 46:58.02 | -0.45 |
| CONA | 29.4 | 338 | Pg | 16:46:56.86 | 0.44 |
| | | | Sg | 46:59.93 | -0.85 |
| WINA | 47.3 | 6 | Pg | 16:46:59.87 | 0.38 |
| ARSA | 60.6 | 217 | Pg | 16:47:02.09 | 0.26 |
| | | | Sg | 47:09.42 | -0.98 |
| KRUC | 155.8 | 11 | Sn | 16:47:35.03 | -0.46 |

594.

2021-04-23 time: 16:53:10.33 UTC ML= 0.9
 lat: 47.697N lon: 16.001E h= 9.4 km
 erh= 1.5km erz= 1.5km
 nr= 14 gap=124 rms=0.48
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 22.1 | 89 | PgD | 16:53:14.84 | 0.21 |
| | | | Sg | 53:17.57 | -0.41 |
| CONA | 27.8 | 338 | Pg | 16:53:15.97 | 0.39 |
| | | | Sg | 53:18.98 | -0.68 |
| SOP | 41.8 | 92 | Pg | 16:53:18.20 | 0.21 |
| | | | Sg | 53:23.47 | -0.50 |
| WINA | 46.0 | 7 | Pg | 16:53:19.41 | 0.70 |
| | | | Sg | 53:24.91 | -0.34 |
| ARSA | 61.3 | 216 | Pg | 16:53:21.51 | 0.09 |
| | | | Sg | 53:28.77 | -1.29 |
| MODS | 121.3 | 52 | Sn | 16:53:46.94 | -0.69 |
| MOA | 131.2 | 277 | Sn | 16:53:49.76 | -0.06 |
| KRUC | 154.6 | 11 | Pn | 16:53:36.02 | 0.59 |
| | | | Sn | 53:54.53 | -0.48 |

595.

2021-04-23 time: 16:59:57.62 UTC ML= 1.5
 lat: 47.709N lon: 16.028E h= 10.2 km
 erh= 1.5km erz= 1.2km
 nr= 15 gap=116 rms=0.48
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 20.2 | 93 | Pg | 17:00:02.12 | 0.46 |
| | | | Sg | 00:04.48 | -0.33 |
| CONA | 27.3 | 333 | Pg | 17:00:03.34 | 0.51 |
| | | | Sg | 00:06.14 | -0.75 |
| SOP | 39.9 | 94 | Pg | 17:00:05.24 | 0.26 |
| | | | Sg | 00:10.35 | -0.38 |
| ARSA | 63.6 | 217 | Pg | 17:00:08.97 | -0.16 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-----------|----|-------------|-------|--|
| | | Sg | 00:16.14 | -1.96 | |
| EGYH | 103.4 108 | P* | 17:00:15.53 | -0.62 | |
| MODS | 118.9 52 | Pn | 17:00:18.14 | -0.04 | |
| | | Sn | 00:33.92 | -0.30 | |
| SOKA | 137.2 213 | Sn | 17:00:38.29 | 0.00 | |
| GROS | 144.4 196 | Sn | 17:00:40.04 | 0.16 | |
| KRUC | 152.8 10 | Pn | 17:00:23.31 | 0.90 | |
| | | Sn | 00:41.58 | -0.17 | |

596.

2021-04-23 time: 17:03:33.74 UTC ML= 1.1
 lat: 47.691N lon: 16.018E h= 11.6 km
 erh= 1.9km erz= 1.7km
 nr= 14 gap=126 rms=0.58
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 20.9 | 87 | Pg | 17:03:38.40 | 0.39 |
| | | | Sg | 03:40.93 | -0.40 |
| CONA | 28.9 | 336 | Pg | 17:03:39.57 | 0.27 |
| | | | Sg | 03:43.34 | -0.29 |
| SOP | 40.6 | 91 | Sg | 17:03:46.46 | -0.69 |
| WINA | 46.5 | 5 | Pg | 17:03:42.76 | 0.47 |
| | | | Sg | 03:48.38 | -0.58 |
| ARSA | 61.6 | 217 | Pg | 17:03:45.05 | 0.12 |
| | | | Sg | 03:52.46 | -1.19 |
| ABNA | 117.3 | 338 | Pn | 17:03:53.84 | -0.08 |
| | | | Sn | 04:08.05 | -1.61 |
| MOA | 132.5 | 278 | Sn | 17:04:13.36 | 0.32 |
| KRUC | 155.0 | 10 | Pn | 17:03:59.66 | 1.04 |
| | | | Sn | 04:17.94 | -0.09 |

597.

2021-04-23 time: 17:28:21.65 UTC ML= 1.4
 lat: 47.696N lon: 16.008E h= 10.9 km
 erh= 1.6km erz= 1.2km
 nr= 19 gap= 93 rms=0.56
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.7 | 89 | Pg | 17:28:26.10 | 0.12 |
| CONA | 28.0 | 337 | Pg | 17:28:27.35 | 0.33 |
| | | | Sg | 28:30.22 | -0.99 |
| SOP | 41.4 | 92 | Pg | 17:28:29.33 | 0.04 |
| | | | Sg | 28:34.80 | -0.45 |
| WINA | 46.0 | 6 | Pg | 17:28:30.61 | 0.52 |
| | | | Sg | 28:36.44 | -0.23 |
| ARSA | 61.6 | 216 | Pg | 17:28:32.88 | 0.06 |
| | | | Sg | 28:40.08 | -1.45 |
| ABNA | 116.4 | 338 | Pn | 17:28:41.65 | -0.16 |
| | | | Sn | 28:56.30 | -1.23 |
| MODS | 121.0 | 51 | Pn | 17:28:42.78 | 0.41 |
| | | | Sn | 28:58.15 | -0.38 |
| MPLH | 129.5 | 117 | Pn | 17:28:42.94 | -0.50 |
| MOA | 131.7 | 277 | Pn | 17:28:44.72 | 1.02 |
| | | | Sn | 29:01.53 | 0.63 |
| PERS | 135.9 | 210 | Sn | 17:29:01.35 | -0.49 |
| KRUC | 154.5 | 11 | Pn | 17:28:47.35 | 0.80 |
| | | | Sn | 29:05.63 | -0.35 |

598.

2021-04-23 time: 17:36:44.27 UTC ML= 1.7
 lat: 47.714N lon: 16.020E h= 8.0 km
 erh= 1.6km erz= 1.4km
 nr= 29 gap= 57 rms=0.71
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| RONA | 20.8 | 94 | PgU | 17:36:48.32 | 0.07 |

| | | | | | |
|------|-----------|----|-------------|-------|--|
| | | Sg | 36:51.33 | -0.03 | |
| CONA | 26.6 334 | Pg | 17:36:49.49 | 0.26 | |
| | | Sg | 36:53.47 | 0.37 | |
| SOP | 40.6 95 | Pg | 17:36:51.07 | -0.58 | |
| | | Sg | 36:56.69 | -0.72 | |
| WINA | 43.9 5 | Pg | 17:36:52.83 | 0.59 | |
| | | Sg | 36:58.99 | 0.54 | |
| ARSA | 63.7 216 | Pg | 17:36:55.12 | -0.62 | |
| | | Sg | 37:02.47 | -2.22 | |
| EGYH | 104.1 109 | Pg | 17:37:03.24 | 0.32 | |
| | | Sg | 37:17.66 | 0.20 | |
| ABNA | 114.9 338 | Pn | 17:37:03.90 | -0.71 | |
| | | Sn | 37:18.85 | -1.63 | |
| MODS | 119.0 52 | Pn | 17:37:04.77 | -0.35 | |
| | | Sn | 37:20.65 | -0.74 | |
| MPLH | 129.6 118 | Pn | 17:37:07.50 | 1.06 | |
| | | Sn | 37:24.13 | 0.39 | |
| MOA | 132.3 277 | Pn | 17:37:07.24 | 0.46 | |
| | | Sn | 37:23.46 | -0.88 | |
| SOKA | 137.4 213 | Pn | 17:37:07.00 | -0.41 | |
| PERS | 138.1 210 | Pn | 17:37:07.30 | -0.20 | |
| BEHE | 149.7 157 | Sn | 17:37:28.88 | 0.67 | |
| KRUC | 152.4 11 | Pn | 17:37:09.55 | 0.26 | |
| | | Sn | 37:27.98 | -0.82 | |
| OBKA | 174.4 220 | Pn | 17:37:13.55 | 1.52 | |
| | | Sn | 37:33.72 | 0.04 | |
| BIOA | 178.8 269 | Pn | 17:37:14.67 | 2.09 | |
| | | Sn | 37:36.64 | 1.99 | |

599.

2021-04-23 time: 18:51:27.23 UTC ML= 0.8
 lat: 47.667N lon: 16.020E h= 14.1 km
 erh= 2.9km erz= 2.4km
 nr= 8 gap=139 rms=0.57
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.0 | 80 | Pg | 18:51:31.90 | 0.14 |
| | | | Sg | 51:34.66 | -0.63 |
| CONA | 31.4 | 338 | Pg | 18:51:34.06 | 0.68 |
| | | | Sg | 51:37.48 | -0.70 |
| ARSA | 59.6 | 219 | Pg | 18:51:38.61 | 0.45 |
| | | | Sg | 51:45.86 | -0.83 |
| ABNA | 119.8 | 339 | Sn | 18:52:02.34 | -0.79 |
| MODS | 122.4 | 50 | Sn | 18:52:03.94 | 0.26 |

600.

2021-04-23 time: 22:01:21.25 UTC ML= 1.5
 lat: 47.708N lon: 16.006E h= 9.2 km
 erh= 1.5km erz= 1.3km
 nr= 17 gap=121 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-----------|-----|-------------|-------------|-------|
| RONA | 21.8 | 93 | Pg | 22:01:25.63 | 0.16 |
| | | | Sg | 01:28.44 | -0.33 |
| CONA | 26.7 | 336 | Pg | 22:01:26.85 | 0.55 |
| | | | Sg | 01:29.97 | -0.27 |
| SOP | 41.5 | 94 | Pg | 22:01:28.83 | -0.02 |
| | | | Sg | 01:33.79 | -0.98 |
| ARSA | 62.6 | 216 | Pg | 22:01:32.44 | -0.11 |
| | | | Sg | 01:39.66 | -1.70 |
| EGYH | 104.9 108 | Pg | 22:01:40.43 | 0.38 | |
| | | Sg | 01:54.80 | 0.08 | |
| MODS | 120.2 52 | Pn | 22:01:41.86 | -0.24 | |
| | | Sn | 01:57.31 | -1.05 | |
| SOKA | 136.3 213 | Sn | 22:02:01.55 | -0.37 | |
| GROS | 143.9 195 | Sn | 22:02:03.56 | -0.05 | |
| KRUC | 153.2 11 | Pn | 22:01:46.74 | 0.53 | |
| | | Sn | 02:05.36 | -0.32 | |
| PKST | 160.8 108 | Pn | 22:01:48.09 | 0.93 | |

Földrengés paraméterek

Hypocenter Parameters

601.

2021-04-24 time: 1:48:50.02 UTC ML= 0.7
 lat: 47.752N lon: 16.141E h= 11.6 km
 erh= 1.5km erz= 1.2km
 nr= 13 gap=103 rms=0.39
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| RONA | 13.1 | 117 | PgU | 1:48:53.42 | | 0.28 | |
| | | | Sg | 48:55.38 | | -0.20 | |
| CONA | 28.6 | 313 | Pg | 1:48:55.68 | | 0.14 | |
| | | | Sg | 49:00.10 | | 0.26 | |
| SOP | 32.2 | 104 | Pg | 1:48:56.33 | | 0.19 | |
| | | | Sg | 49:00.35 | | -0.57 | |
| WINA | 39.8 | 353 | Pg | 1:48:57.67 | | 0.25 | |
| | | | Sg | 49:02.66 | | -0.53 | |
| ARSA | 72.7 | 220 | Sg | 1:49:12.48 | | -0.94 | |
| MODS | 109.3 | 51 | Sn | 1:49:23.78 | | -0.37 | |
| ABNA | 114.8 | 333 | Pn | 1:49:10.29 | | 0.40 | |
| KRUC | 146.8 | 7 | Pn | 1:49:14.04 | | 0.17 | |
| | | | Sn | 49:31.06 | | -1.42 | |

602.

2021-04-24 time: 9:30:51.55 UTC ML= 3.1
 lat: 47.833N lon: 16.234E h= 3.2 km
 erh= 1.9km erz= 1.8km
 nr= 59 gap= 74 rms=1.17
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| RONA | 15.5 | 162 | PgD | 9:30:54.73 | | 0.35 | |
| | | | Sg | 30:56.67 | | 0.08 | |
| SOP | 29.4 | 124 | PgU | 9:30:57.20 | | 0.36 | |
| | | | Sg | 31:00.65 | | -0.32 | |
| CONA | 29.8 | 291 | Pg | 9:30:57.11 | | 0.20 | |
| | | | Sg | 31:01.31 | | 0.23 | |
| ARSA | 84.0 | 220 | PgD | 9:31:05.66 | | -0.90 | |
| | | | Sg | 31:15.93 | | -2.34 | |
| EGYH | 94.6 | 119 | PgU | 9:31:08.55 | | 0.10 | |
| | | | Sg | 31:20.21 | | -1.42 | |
| MODS | 98.3 | 52 | PgU | 9:31:08.33 | | -0.78 | |
| | | | Sg | 31:21.56 | | -1.24 | |
| A339 | 106.5 | 90 | Pg | 9:31:10.80 | | 0.23 | |
| | | | Sg | 31:24.67 | | -0.73 | |
| SMOL | 116.8 | 50 | ePg | 9:31:13.00 | | 0.59 | |
| | | | eSg | 31:26.30 | | -2.38 | |
| MPLH | 122.9 | 127 | Pn | 9:31:13.03 | | -0.46 | |
| | | | Sn | 31:28.59 | | -2.01 | |
| A337 | 124.7 | 68 | Pn | 9:31:13.72 | | 0.00 | |
| | | | Sn | 31:29.85 | | -1.16 | |
| KRUC | 137.2 | 5 | Pn | 9:31:14.83 | | -0.45 | |
| | | | Sn | 31:32.04 | | -1.74 | |
| PKST | 149.8 | 115 | Pn | 9:31:16.35 | | -0.50 | |
| | | | Sn | 31:35.60 | | -0.98 | |
| KOGS | 153.9 | 180 | Pn | 9:31:17.01 | | -0.35 | |
| BEHE | 156.9 | 165 | Pn | 9:31:18.02 | | 0.28 | |
| SOKA | 157.3 | 215 | Pn | 9:31:17.98 | | 0.20 | |
| | | | Sn | 31:36.81 | | -1.44 | |
| PERS | 157.7 | 212 | Pn | 9:31:17.83 | | 0.00 | |
| | | | Sn | 31:37.76 | | -0.57 | |
| A338 | 159.6 | 83 | Pn | 9:31:19.28 | | 1.21 | |
| CSKK | 161.1 | 109 | Pn | 9:31:19.25 | | 0.99 | |
| | | | Sn | 31:39.67 | | 0.58 | |
| GROS | 162.3 | 200 | Pn | 9:31:18.18 | | -0.22 | |
| | | | Sn | 31:39.03 | | -0.32 | |
| TIH | 162.7 | 130 | Pn | 9:31:20.31 | | 1.86 | |
| PKSG | 169.4 | 107 | Pn | 9:31:18.72 | | -0.57 | |
| | | | Sn | 31:41.32 | | 0.39 | |
| BIOA | 195.2 | 265 | Pn | 9:31:23.67 | | 1.16 | |
| | | | Sn | 31:45.14 | | -1.52 | |

| | | | | | | | |
|------|-------|-----|-----|------------|--|--------|--|
| VYHS | 207.1 | 69 | Pn | 9:31:23.06 | | -0.93 | |
| PKS9 | 207.8 | 132 | Pn | 9:31:28.32 | | 4.24 | |
| PBUD | 212.7 | 101 | Pn | 9:31:29.15 | | 4.46 | |
| BUD | 213.1 | 100 | Pn | 9:31:28.67 | | 3.93 | |
| PTJ | 215.9 | 186 | Pn | 9:31:29.15 | | 4.06 | |
| | | | Sn | 31:55.51 | | 4.27 | |
| PKB1 | 225.8 | 121 | Pn | 9:31:30.96 | | 4.63 | |
| PENC | 228.3 | 91 | Pn | 9:31:27.43 | | 0.79 | |
| CRCS | 230.8 | 195 | Pn | 9:31:27.33 | | 0.38 | |
| KBA | 233.5 | 249 | Pn | 9:31:31.21 | | 3.93 | |
| | | | Sn | 32:00.22 | | 5.07* | |
| MORC | 236.6 | 24 | Pn | 9:31:28.16 | | 0.49 | |
| | | | Sn | 31:55.55 | | -0.30 | |
| KOVH | 240.4 | 144 | Pn | 9:31:27.71 | | -0.43 | |
| KRLC | 252.6 | 9 | Pn | 9:31:30.32 | | 0.65 | |
| MORH | 256.7 | 134 | Pn | 9:31:30.13 | | -0.04 | |
| PKSM | 256.8 | 135 | Pn | 9:31:29.68 | | -0.51 | |
| PKSV | 265.3 | 145 | Pn | 9:31:31.11 | | -0.14 | |
| LANS | 280.4 | 58 | ePn | 9:31:33.00 | | -0.13 | |
| NIE | 348.6 | 60 | Pn | 9:31:42.28 | | 0.64* | |
| KOLS | 463.8 | 75 | Pn | 9:31:55.80 | | -0.20* | |
| DAVA | 482.0 | 263 | Pn | 9:31:57.18 | | -1.09* | |
| | | | Sn | 32:49.60 | | -0.71* | |

603.

2021-04-24 time: 11:24:26.18 UTC ML= 1.3
 lat: 46.554N lon: 16.640E h= 10.0 km
 erh= 3.9km erz= 1.5km
 nr= 5 gap=217 rms=0.22
 Locality: Maróc
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| BEHE | 13.9 | 132 | Pg | 11:24:29.46 | | 0.22 | |
| | | | Sg | 24:31.31 | | -0.32 | |
| GROS | 88.0 | 263 | Sg | 11:24:54.06 | | -0.28 | |
| PERS | 117.1 | 274 | Sn | 11:25:02.44 | | 0.01 | |
| CRCS | 122.0 | 228 | Sn | 11:25:03.65 | | 0.14 | |

604.

2021-04-24 time: 11:57:45.22 UTC ML= 2.0
 lat: 46.483N lon: 16.657E h= 9.1 km
 erh= 4.4km erz= 1.9km
 nr= 9 gap=196 rms=0.55
 Locality: Szentmargitfalva
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| BEHE | 9.2 | 99 | PgU | 11:57:47.60 | | 0.07 | |
| | | | Sg | 57:49.44 | | 0.11 | |
| KOGS | 31.5 | 263 | Pg | 11:57:50.06 | | -1.00 | |
| | | | Sg | 57:56.22 | | 0.60 | |
| PTJ | 84.3 | 220 | Pg | 11:58:00.68 | | 0.32 | |
| | | | Sg | 58:11.80 | | -0.38 | |
| CRCS | 118.0 | 232 | Pn | 11:58:06.40 | | 0.59 | |
| | | | Sn | 58:21.14 | | -0.73 | |
| MORH | 155.9 | 101 | Sn | 11:58:30.63 | | 0.36 | |

605.

2021-04-24 time: 20:27:10.70 UTC ML= 2.0
 lat: 45.511N lon: 16.358E h= 14.6 km
 erh= 3.2km erz= 2.3km
 nr= 23 gap=154 rms=0.78
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| ZAG | 45.4 | 321 | Sg | 20:27:25.24 | | -0.61 | |
| PTJ | 53.3 | 324 | Pg | 20:27:21.37 | | 0.79 | |
| | | | Sg | 27:26.47 | | -1.81 | |
| CRCS | 78.5 | 297 | Pg | 20:27:25.39 | | 0.43 | |
| | | | Sg | 27:33.73 | | -2.35 | |

Hypocenter Parameters

Földrengés paraméterek

KOGS 104.6 355 Pn 20:27:29.46 0.55
 Sn 27:42.65 -0.47
 BLY 106.7 142 Pn 20:27:29.07 -0.11
 Sn 27:42.55 -1.04
 BEHE 111.5 17 Pn 20:27:31.09 1.31
 Sn 27:44.72 0.07
 GROS 124.8 328 Pn 20:27:31.90 0.47
 Sn 27:46.37 -1.23
 KOVH 149.9 65 Pn 20:27:34.36 -0.20
 Sn 27:52.37 -0.81
 PKSV 153.4 74 Pn 20:27:34.75 -0.25
 Sn 27:53.04 -0.92
 PERS 157.7 322 Pn 20:27:35.36 -0.18
 Sn 27:53.95 -0.96
 SOKA 165.4 322 Pn 20:27:37.60 1.10
 Sn 27:57.06 0.45
 PKSM 193.7 66 Pn 20:27:40.04 0.01
 Sn 28:03.01 0.11

606.

2021-04-25 time: 4:12:24.32 UTC ML= 0.9
 lat: 47.692N lon: 16.027E h= 11.1 km
 erh= 1.8km erz= 1.5km
 nr= 17 gap=126 rms=0.62
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| RONA | 20.3 | 88 | Pg | 4:12:28.72 | | | 0.28 |
| | | | Sg | | 12:31.62 | | -0.04 |
| CONA | 29.0 | 335 | Pg | 4:12:30.54 | | | 0.67 |
| | | | Sg | | 12:33.30 | | -0.90 |
| SOP | 39.9 | 91 | Pg | 4:12:31.83 | | | 0.11 |
| | | | Sg | | 12:36.85 | | -0.64 |
| WINA | 46.3 | 4 | Pg | 4:12:33.34 | | | 0.52 |
| | | | Sg | | 12:39.18 | | -0.27 |
| ARSA | 62.1 | 218 | Pg | 4:12:35.57 | | | -0.01 |
| | | | Sg | | 12:42.82 | | -1.54 |
| ABNA | 117.4 | 338 | Pn | 4:12:44.18 | | | -0.39 |
| | | | Sn | | 12:58.94 | | -1.43 |
| MODS | 120.2 | 51 | Sn | 4:13:00.51 | | | -0.48 |
| | | | Pn | 4:12:47.49 | | | 0.95 |
| MOA | 133.1 | 278 | Sn | 13:04.15 | | | 0.29 |
| | | | Pn | 4:12:49.87 | | | 0.64 |
| KRUC | 154.7 | 10 | Sn | 13:08.33 | | | -0.33 |
| | | | eSn | 4:13:31.00 | | | 3.02* |

607.

2021-04-25 time: 22:26:10.95 UTC ML= 1.9
 lat: 48.310N lon: 21.426E h= 5.8 km
 erh= 1.9km erz= 1.7km
 nr= 21 gap= 76 rms=0.76
 Locality: Erdőhorváti
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| ABAH | 13.9 | 264 | PgD | 22:26:14.21 | | | 0.58 |
| | | | Sg | | 26:16.39 | | 0.66 |
| KECS | 72.2 | 286 | Pg | 22:26:23.65 | | | -0.24 |
| | | | Sg | | 26:32.22 | | -1.76 |
| TRPA | 85.1 | 104 | Pg | 22:26:26.23 | | | 0.05 |
| | | | Sg | | 26:36.57 | | -1.50 |
| KOLS | 93.4 | 42 | Pg | 22:26:28.21 | | | 0.56 |
| | | | Sg | | 26:39.82 | | -0.86 |
| LTVH | 108.8 | 161 | Pg | 22:26:30.59 | | | 0.19 |
| | | | Sg | | 26:44.70 | | -0.88 |
| PSZ | 122.0 | 249 | Pn | 22:26:32.04 | | | -0.41 |
| | | | Sn | | 26:47.32 | | -1.91 |
| BSZH | 141.9 | 218 | Sn | 22:26:54.46 | | | 0.82 |
| | | | Pn | 22:26:36.34 | | | 0.66 |
| NIE | 147.9 | 327 | Sn | 26:54.40 | | | -0.58 |
| | | | Pn | 22:26:59.52 | | | -0.37 |
| BMR | 170.1 | 115 | Sn | 22:26:59.52 | | | -0.37 |
| LANS | 171.7 | 303 | ePn | 22:26:39.90 | | | 1.25 |

eSn 26:59.80 -0.46
 VYHS 192.8 276 Sn 22:27:05.84 0.89
 DRGR 194.5 150 Pn 22:26:41.80 0.30
 Sn 27:06.30 0.98

608.

2021-04-26 time: 7:22:14.02 UTC ML= 1.6
 lat: 48.426N lon: 19.545E h= 0.0 km
 erh= 1.5km erz= 3.0km
 nr= 13 gap=109 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| VYHS | 52.9 | 278 | Pg | 7:22:24.06 | | | 0.59 |
| | | | Sg | | 22:30.39 | | -0.46 |
| PSZ | 62.2 | 155 | Pg | 7:22:25.26 | | | 0.14 |
| | | | Sg | | 22:33.90 | | 0.11 |
| KECS | 69.9 | 85 | Pg | 7:22:27.20 | | | 0.70 |
| | | | Sg | | 22:36.31 | | 0.08 |
| PENC | 73.4 | 195 | Sg | 7:22:37.09 | | | -0.25 |
| NIE | 123.9 | 27 | Pg | 7:22:36.51 | | | 0.36 |
| | | | Sg | | 22:52.52 | | -0.89 |
| ABAH | 126.4 | 97 | Pg | 7:22:36.21 | | | -0.39 |
| | | | Sg | | 22:52.78 | | -1.43 |
| BSZH | 136.4 | 157 | Pn | 7:22:37.91 | | | -0.15 |
| PKSG | 143.8 | 217 | Sn | 7:22:57.60 | | | -0.85 |

609.

2021-04-26 time: 7:43:05.04 UTC ML= 1.3
 lat: 47.087N lon: 17.916E h= 0.0 km
 erh= 2.4km erz= 955km
 nr= 10 gap=103 rms=0.74
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| TIH | 20.9 | 185 | Pg | 7:43:10.10 | | | 1.34 |
| | | | Pg | 7:43:08.15 | | | -0.66 |
| PKST | 21.1 | 25 | Sg | 43:11.07 | | | -0.68 |
| | | | Pg | 7:43:10.39 | | | 0.00 |
| MPLH | 30.0 | 288 | Sg | 43:14.41 | | | -0.16 |
| | | | Sg | 7:43:18.89 | | | 1.04 |
| PKSG | 49.4 | 47 | Sg | 7:43:21.19 | | | 0.45 |
| MORH | 111.8 | 150 | Sg | 7:43:39.93 | | | -0.63 |
| KOVH | 111.9 | 173 | Sg | 7:43:39.77 | | | -0.84 |
| PKSM | 112.0 | 150 | Sg | 7:43:40.33 | | | -0.32 |

610.

2021-04-26 time: 7:59:24.51 UTC ML= 1.4
 lat: 47.102N lon: 17.888E h= 0.0 km
 erh= 1.7km erz= 728km
 nr= 11 gap=107 rms=0.58
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKST | 20.7 | 33 | Pg | 7:59:27.81 | | | -0.39 |
| | | | Sg | | 59:30.88 | | -0.20 |
| TIH | 22.5 | 179 | Pg | 7:59:29.78 | | | 1.25 |
| | | | Pg | 7:59:29.51 | | | 0.09 |
| MPLH | 27.5 | 286 | Sg | 59:33.23 | | | -0.01 |
| | | | Sg | 7:59:38.11 | | | 0.74 |
| PKSG | 49.9 | 50 | Sg | 7:59:40.52 | | | 0.16 |
| EGYH | 54.7 | 310 | Sg | 7:59:41.53 | | | -0.38 |
| KOVH | 113.9 | 172 | Sg | 7:59:59.99 | | | -0.72 |
| MORH | 114.3 | 150 | Sg | 7:60:00.40 | | | -0.44 |
| PKSM | 114.6 | 150 | Sg | 7:60:00.29 | | | -0.64 |

Földrengés paraméterek

Hypocenter Parameters

611.

2021-04-26 time: 8:06:15.26 UTC ML= 1.0
 lat: 47.086N lon: 18.021E h= 0.0 km
 erh= 1.3km erz= 509km
 nr= 10 gap=114 rms=0.39
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.2 | 3 | Pg | 8:06:18.16 | -0.53 |
| | | | Sg | 06:20.72 | -0.64 |
| CSKK | 35.7 | 31 | Sg | 8:06:27.15 | 0.54 |
| MPLH | 37.7 | 284 | Pg | 8:06:22.00 | 0.01 |
| | | | Sg | 06:27.84 | 0.60 |
| PKSG | 44.0 | 40 | Pg | 8:06:23.28 | 0.16 |
| | | | Sg | 06:29.61 | 0.37 |
| MORH | 107.9 | 154 | Sg | 8:06:49.69 | 0.13 |
| PKSM | 108.2 | 154 | Sg | 8:06:49.79 | 0.14 |
| KOVH | 111.1 | 177 | Sg | 8:06:50.09 | -0.49 |

612.

2021-04-26 time: 8:44:31.09 UTC ML= 1.5
 lat: 48.610N lon: 20.805E h= 0.0 km
 erh= 2.1km erz= 1.5km
 nr= 8 gap=208 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 27.5 | 239 | Pg | 8:44:36.38 | 0.38 |
| | | | Sg | 44:39.70 | -0.13 |
| ABAH | 47.5 | 137 | Pg | 8:44:40.31 | 0.74 |
| | | | Sg | 44:45.88 | -0.30 |
| PSZ | 102.4 | 221 | Pg | 8:44:49.94 | 0.56 |
| | | | Sg | 45:02.86 | -0.79 |
| TRPA | 139.1 | 113 | Sn | 8:45:12.99 | -1.49 |
| VYHS | 146.0 | 265 | Sn | 8:45:15.00 | -1.00 |

613.

2021-04-26 time: 9:13:42.06 UTC ML= 1.5
 lat: 48.311N lon: 19.853E h= 0.0 km
 erh= 1.3km erz= 393km
 nr= 7 gap=109 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 43.7 | 176 | Pg | 9:13:49.97 | 0.10 |
| | | | Sg | 13:55.50 | -0.46 |
| KECS | 50.6 | 68 | Pg | 9:13:51.17 | 0.07 |
| | | | Sg | 13:58.41 | 0.26 |
| VYHS | 78.0 | 285 | Sg | 9:14:07.15 | 0.29 |
| NIE | 127.8 | 15 | Pg | 9:14:04.83 | -0.05 |
| | | | Sg | 14:22.01 | -0.67 |

614.

2021-04-26 time: 9:15:31.06 UTC ML= 1.0
 lat: 47.208N lon: 18.308E h= 0.0 km
 erh= 0.7km erz= 1.9km
 nr= 10 gap=110 rms=0.25
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.6 | 348 | Pg | 9:15:34.53 | 0.33 |
| | | | Sg | 15:36.30 | -0.35 |
| PKSG | 21.3 | 17 | Pg | 9:15:35.12 | 0.25 |
| | | | Sg | 15:37.68 | -0.16 |
| PKST | 21.5 | 285 | Pg | 9:15:34.87 | -0.03 |
| | | | Sg | 15:37.65 | -0.24 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| MPLH | 58.4 | 266 | Sg | 9:15:49.48 | -0.15 |
| MORH | 113.3 | 167 | Sg | 9:16:07.06 | 0.00 |
| KOVH | 125.5 | 187 | Sg | 9:16:11.13 | 0.18 |
| PSZ | 143.1 | 57 | Sn | 9:16:14.71 | -0.63 |

615.

2021-04-26 time: 10:28:49.09 UTC ML= 1.5
 lat: 47.911N lon: 20.128E h= 0.0 km
 erh= 7.1km erz= ***km
 nr= 5 gap=210 rms=0.54
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 17.5 | 273 | Pg | 10:28:52.21 | 0.00 |
| | | | Sg | 28:55.23 | 0.59 |
| KECS | 69.0 | 23 | Sg | 10:29:11.64 | 0.63 |
| ABAH | 93.2 | 63 | Sg | 10:29:18.32 | -0.39 |
| VYHS | 115.9 | 304 | Sg | 10:29:24.89 | -1.03 |

616.

2021-04-27 time: 5:17:00.33 UTC ML= 1.1
 lat: 45.636N lon: 18.342E h= 10.0 km
 erh= 2.0km erz= 2.6km
 nr= 8 gap=203 rms=0.49
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 28.9 | 346 | Pg | 5:17:06.20 | 0.41 |
| | | | Sg | 17:09.86 | -0.19 |
| KOVH | 53.7 | 339 | Pg | 5:17:10.29 | 0.21 |
| | | | Sg | 17:16.87 | -0.81 |
| PKSM | 68.1 | 20 | Pg | 5:17:12.90 | 0.29 |
| | | | Sg | 17:20.95 | -1.24 |
| MORH | 68.6 | 20 | Pg | 5:17:12.96 | 0.26 |
| BLY | 134.2 | 223 | Sn | 5:17:39.73 | -0.63 |

617.

2021-04-27 time: 8:10:40.43 UTC ML= 1.9
 lat: 47.324N lon: 18.442E h= 0.0 km
 erh= 1.1km erz= 5.7km
 nr= 12 gap= 91 rms=0.42
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.4 | 333 | PgU | 8:10:42.15 | 0.21 |
| | | | Sg | 10:42.48 | -0.64 |
| CSKK | 14.4 | 288 | Pg | 8:10:43.34 | 0.34 |
| | | | Sg | 10:44.97 | -0.03 |
| PKST | 31.7 | 257 | Pg | 8:10:46.31 | 0.22 |
| | | | Sg | 10:49.66 | -0.84 |
| PKB3 | 115.4 | 150 | Sg | 8:11:17.52 | 0.41 |
| MORH | 124.2 | 173 | Sg | 8:11:19.63 | -0.28 |
| PKSM | 124.6 | 173 | Sg | 8:11:20.04 | 0.00 |
| PSZ | 127.6 | 59 | Pg | 8:11:03.51 | 0.29 |
| | | | Sg | 11:20.44 | -0.56 |
| VYHS | 133.4 | 13 | Sn | 8:11:20.84 | -1.71 |

618.

2021-04-27 time: 8:35:52.91 UTC ML= 1.3
 lat: 46.224N lon: 18.237E h= 0.0 km
 erh= 4.1km erz= 844km
 nr= 9 gap=150 rms=0.64
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| KOVH | 18.4 | 215 | Pg | 8:35:56.72 | 0.52 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 35:59.54 | 0.77 |
| PKSM | 31.2 | 92 | Pg | 8:35:58.74 | 0.26 |
| | | | Sg | 36:02.26 | -0.57 |
| MORH | 31.4 | 92 | Pg | 8:35:58.64 | 0.12 |
| | | | Sg | 36:03.27 | 0.37 |
| PKSV | 37.3 | 178 | Pg | 8:35:59.24 | -0.33 |
| | | | Sg | 36:03.67 | -1.10 |
| PKSG | 130.4 | 5 | Sg | 8:36:31.25 | -3.09 |

619.

2021-04-27 time: 9:46:18.10 UTC ML= 0.5
 lat: 47.241N lon: 18.261E h= 0.0 km
 erh= 3.4km erz= 450km
 nr= 5 gap=246 rms=0.22
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 13.5 | 360 | Sg | 9:46:22.01 | -0.39 |
| PKST | 17.2 | 277 | Pg | 9:46:21.26 | 0.08 |
| | | | Sg | 46:23.62 | 0.04 |
| PKSG | 19.4 | 30 | Pg | 9:46:21.46 | -0.10 |
| | | | Sg | 46:24.68 | 0.41 |

620.

2021-04-27 time: 9:59:58.97 UTC ML= 1.6
 lat: 48.143N lon: 16.893E h= 0.0 km
 erh= 1.9km erz= 2.8km
 nr= 16 gap= 81 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 38.4 | 48 | Pg | 10:00:05.59 | -0.23 |
| | | | Sg | 00:10.47 | -0.69 |
| SOP | 56.9 | 206 | Sg | 10:00:16.94 | -0.12 |
| WINA | 61.2 | 266 | Pg | 10:00:10.30 | 0.41 |
| | | | Sg | 00:18.25 | -0.16 |
| RONA | 66.5 | 222 | Pg | 10:00:11.33 | 0.49 |
| | | | Sg | 00:19.39 | -0.71 |
| CONA | 80.5 | 253 | Pg | 10:00:14.05 | 0.70 |
| | | | Sg | 00:24.24 | -0.33 |
| KRUC | 108.6 | 340 | Pg | 10:00:18.69 | 0.33 |
| | | | Sg | 00:32.49 | -0.99 |
| MPLH | 118.6 | 156 | Sg | 10:00:35.36 | -1.29 |
| ARSA | 142.9 | 226 | Pn | 10:00:24.23 | 0.41 |
| | | | Sn | 00:41.81 | -1.40 |
| VYHS | 149.3 | 75 | Pn | 10:00:25.54 | 0.92 |
| | | | Sn | 00:44.03 | -0.59 |

621.

2021-04-27 time: 10:12:37.41 UTC ML= 1.0
 lat: 48.468N lon: 19.553E h= 0.0 km
 erh= 3.9km erz= 783km
 nr= 5 gap=175 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.1 | 273 | Pg | 10:12:47.13 | 0.24 |
| | | | Sg | 12:53.76 | -0.52 |
| PSZ | 66.2 | 157 | Pg | 10:12:49.58 | 0.35 |
| | | | Sg | 12:58.07 | -0.37 |
| KECS | 69.0 | 89 | Sg | 10:12:59.02 | -0.32 |

Földrengés paraméterek

622.

2021-04-27 time: 10:14:33.54 UTC ML= 1.2
 lat: 48.474N lon: 19.559E h= 0.0 km
 erh= 3.0km erz= 652km
 nr= 6 gap=177 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.5 | 272 | Pg | 10:14:43.33 | 0.25 |
| | | | Sg | 14:50.01 | -0.52 |
| PSZ | 66.7 | 158 | Pg | 10:14:45.84 | 0.39 |
| | | | Sg | 14:53.92 | -0.82 |
| KECS | 68.5 | 89 | Pg | 10:14:45.84 | 0.06 |
| | | | Sg | 14:55.08 | -0.25 |

623.

2021-04-27 time: 11:30:06.15 UTC ML= 2.8
 lat: 45.608N lon: 16.072E h= 4.1 km
 erh= 2.2km erz= 1.9km
 nr= 40 gap=136 rms=0.85
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 25.3 | 346 | Pg | 11:30:11.33 | 0.60 |
| | | | Sg | 30:15.37 | 1.07 |
| PTJ | 33.7 | 345 | Pg | 11:30:12.43 | 0.23 |
| | | | Sg | 30:16.83 | -0.09 |
| CRES | 53.7 | 297 | Pg | 11:30:15.98 | 0.22 |
| | | | Sg | 30:21.72 | -1.54 |
| KOGS | 94.4 | 8 | Pg | 11:30:23.11 | 0.09 |
| | | | Sg | 30:34.68 | -1.51 |
| GROS | 104.6 | 335 | Pg | 11:30:24.88 | 0.04 |
| | | | Sg | 30:38.02 | -1.40 |
| BEHE | 110.2 | 30 | Pg | 11:30:25.51 | -0.34 |
| | | | Sg | 30:40.61 | -0.60 |
| BLY | 129.4 | 138 | Pn | 11:30:27.71 | -1.09 |
| | | | Sn | 30:44.70 | -1.77 |
| PERS | 136.0 | 327 | Pn | 11:30:29.62 | -0.01 |
| | | | Sn | 30:46.36 | -1.58 |
| SOKA | 143.5 | 326 | Pn | 11:30:30.60 | 0.04 |
| OBKA | 154.7 | 310 | Pn | 11:30:32.27 | 0.32 |
| | | | Sn | 30:52.37 | 0.29 |
| KOVH | 166.3 | 71 | Pn | 11:30:32.49 | -0.91 |
| | | | Sn | 30:54.03 | -0.63 |
| PKSV | 172.5 | 80 | Pn | 11:30:35.35 | 1.18 |
| | | | Sn | 30:55.47 | -0.56 |
| TRI | 180.2 | 274 | Pn | 11:30:35.59 | 0.46 |
| | | | Sn | 30:57.54 | -0.20 |
| ARSA | 187.4 | 347 | Pn | 11:30:36.64 | 0.61 |
| | | | Sn | 30:59.88 | 0.54 |
| MPLH | 207.1 | 33 | Pn | 11:30:38.94 | 0.45 |
| PKSM | 210.4 | 71 | Pn | 11:30:42.12 | 3.23 |
| | | | Sn | 31:05.50 | 1.06 |
| MORH | 210.7 | 71 | Pn | 11:30:41.64 | 2.70 |
| | | | Sn | 31:06.08 | 1.57 |
| PKB4 | 219.4 | 63 | Sn | 11:31:10.48 | 4.03* |
| MYKA | 219.5 | 301 | Pn | 11:30:40.52 | 0.48 |
| RONA | 233.2 | 4 | Pn | 11:30:42.05 | 0.31 |
| SOP | 233.7 | 9 | Pn | 11:30:42.37 | 0.57 |
| CONA | 258.5 | 356 | Pn | 11:30:45.69 | 0.80 |
| MOA | 284.9 | 331 | Pn | 11:30:48.82 | 0.64 |
| | | | Sn | 31:19.67 | -1.30 |
| BIOA | 297.2 | 321 | Sn | 11:31:23.07 | -0.65* |
| LESA | 329.6 | 308 | Pn | 11:30:54.26 | 0.50* |
| | | | Sn | 31:30.63 | -0.27* |

Földrengés paraméterek

Hypocenter Parameters

624.

2021-04-27 time: 13:50:13.04 UTC ML= 1.4
 lat: 47.365N lon: 16.244E h= 0.0 km
 erh= 3.2km erz= 3.1km
 nr= 13 gap=168 rms=0.71
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 37.4 | 6 | Pg | 13:50:20.21 | 0.49 |
| | | | Sg | 50:24.58 | -0.34 |
| SOP | 42.5 | 34 | Pg | 13:50:20.81 | 0.17 |
| | | | Sg | 50:25.78 | -0.78 |
| ARSA | 56.0 | 257 | Sg | 13:50:29.97 | -0.87 |
| CONA | 68.9 | 335 | Pg | 13:50:26.18 | 0.84 |
| | | | Sg | 50:34.34 | -0.60 |
| WINA | 83.5 | 351 | Pg | 13:50:28.96 | 1.01 |
| | | | Sg | 50:39.24 | -0.34 |
| MODS | 136.2 | 35 | Pn | 13:50:37.36 | 0.31 |
| | | | Sn | 50:53.43 | -2.35 |
| PKSG | 162.1 | 89 | Sn | 13:51:00.60 | -0.94 |
| KRUC | 189.0 | 3 | Sn | 13:51:07.15 | -0.35 |

625.

2021-04-27 time: 17:06:48.83 UTC ML= 1.8
 lat: 47.793N lon: 16.179E h= 10.0 km
 erh= 1.5km erz= 1.2km
 nr= 27 gap= 61 rms=0.71
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.6 | 140 | PgD | 17:06:51.84 | 0.01 |
| | | | Sg | 06:53.93 | -0.25 |
| CONA | 28.1 | 302 | Pg | 17:06:54.40 | 0.24 |
| | | | Sg | 06:58.29 | -0.03 |
| SOP | 30.9 | 113 | Pg | 17:06:54.71 | 0.08 |
| | | | Sg | 06:58.74 | -0.41 |
| WINA | 35.9 | 347 | Pg | 17:06:56.40 | 0.93 |
| | | | Sg | 07:01.46 | 0.80 |
| ARSA | 78.0 | 219 | Pg | 17:07:01.96 | -0.90 |
| | | | Sg | 07:11.13 | -2.68 |
| EGYH | 96.2 | 116 | Pg | 17:07:05.99 | -0.11 |
| | | | Sg | 07:19.29 | -0.28 |
| MODS | 104.2 | 52 | P* | 17:07:07.00 | -0.50 |
| | | | S* | 07:21.30 | -0.76 |
| ABNA | 112.2 | 330 | Pn | 17:07:08.09 | -0.49 |
| | | | Sn | 07:21.13 | -2.86 |
| MPLH | 123.7 | 124 | Sn | 17:07:26.85 | 0.31 |
| KRUC | 142.0 | 6 | Pn | 17:07:12.64 | 0.34 |
| | | | Sn | 07:29.57 | -1.03 |
| MOA | 143.4 | 273 | Pn | 17:07:12.92 | 0.45 |
| | | | Sn | 07:30.87 | -0.04 |
| KOGS | 149.6 | 178 | Pn | 17:07:15.06 | 1.82 |
| | | | Sn | 07:32.86 | 0.58 |
| PERS | 151.7 | 212 | Pn | 17:07:14.23 | 0.72 |
| | | | Sn | 07:31.80 | -0.96 |
| GROS | 156.7 | 199 | Sn | 17:07:34.16 | 0.29 |
| TREC | 174.7 | 343 | eSn | 17:07:38.50 | 0.65 |

626.

2021-04-27 time: 18:41:41.45 UTC ML= 1.0
 lat: 47.685N lon: 16.021E h= 10.8 km
 erh= 2.4km erz= 2.0km
 nr= 16 gap=120 rms=0.79
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 20.8 | 86 | Pg | 18:41:45.89 | 0.26 |
| | | | Sg | 41:48.86 | -0.03 |
| CONA | 29.5 | 336 | Pg | 18:41:47.20 | 0.14 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 41:50.83 | -0.61 |
| SOP | 40.4 | 90 | Pg | 18:41:49.16 | 0.25 |
| | | | Sg | 41:54.10 | -0.63 |
| ARSA | 61.2 | 218 | Pg | 18:41:52.54 | 0.00 |
| | | | Sg | 41:59.89 | -1.30 |
| ABNA | 117.9 | 338 | Pn | 18:42:02.04 | 0.24 |
| | | | Sn | 42:16.11 | -1.57 |
| MODS | 121.0 | 51 | Sn | 18:42:17.78 | -0.59 |
| MOA | 132.8 | 278 | Pn | 18:42:05.18 | 1.53 |
| | | | Sn | 42:22.84 | 1.86 |
| PERS | 135.3 | 210 | Sn | 18:42:20.23 | -1.31 |
| KRUC | 155.6 | 10 | Pn | 18:42:07.45 | 0.95 |
| | | | Sn | 42:25.23 | -0.80 |

627.

2021-04-28 time: 3:36:36.28 UTC ML= 0.7
 lat: 47.752N lon: 16.133E h= 12.3 km
 erh= 1.5km erz= 1.8km
 nr= 10 gap=104 rms=0.39
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 13.6 | 116 | PgU | 3:36:39.74 | 0.19 |
| | | | Sg | 36:41.65 | -0.45 |
| CONA | 28.2 | 314 | Pg | 3:36:42.26 | 0.49 |
| | | | Sg | 36:45.66 | -0.39 |
| SOP | 32.8 | 104 | Pg | 3:36:42.60 | 0.06 |
| WINA | 39.7 | 354 | Pg | 3:36:44.10 | 0.40 |
| | | | Sg | 36:49.05 | -0.44 |
| ARSA | 72.3 | 219 | Pg | 3:36:49.56 | 0.19 |
| | | | Sg | 36:58.87 | -0.72 |
| MODS | 109.8 | 51 | Sn | 3:37:09.76 | -0.61 |

628.

2021-04-28 time: 6:49:54.83 UTC ML= 2.5
 lat: 45.549N lon: 16.118E h= 5.3 km
 erh= 2.9km erz= 2.0km
 nr= 21 gap=224 rms=0.67
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 32.6 | 343 | Pg | 6:50:01.40 | 0.67 |
| | | | Sg | 50:05.22 | -0.11 |
| PTJ | 41.0 | 342 | Pg | 6:50:02.05 | -0.16 |
| | | | Sg | 50:07.13 | -0.83 |
| CRES | 60.0 | 301 | Pg | 6:50:05.43 | -0.16 |
| | | | Sg | 50:13.56 | -0.42 |
| KOGS | 100.5 | 6 | Pg | 6:50:13.75 | 0.95 |
| | | | Sg | 50:26.35 | -0.47 |
| SOKA | 151.0 | 326 | Pn | 6:50:20.10 | 0.09 |
| | | | Sn | 50:38.78 | -0.87 |
| OBKA | 161.7 | 311 | Pn | 6:50:21.88 | 0.52 |
| | | | Sn | 50:42.03 | -0.01 |
| KOVH | 165.3 | 69 | Pn | 6:50:21.38 | -0.42 |
| | | | Sn | 50:43.04 | 0.21 |
| PKSV | 170.4 | 77 | Sn | 6:50:44.93 | 0.96 |
| ARSA | 194.6 | 346 | Sn | 6:50:50.06 | 0.72 |
| PKSM | 209.3 | 69 | Pn | 6:50:26.16 | -1.13 |
| | | | Sn | 50:55.60 | 3.00 |
| MORH | 209.7 | 69 | Pn | 6:50:26.06 | -1.27 |
| | | | Sn | 50:56.11 | 3.43* |
| RONA | 239.5 | 3 | Pn | 6:50:32.20 | 1.15 |

629.

2021-04-28 time: 7:07:38.35 UTC ML= 1.7
 lat: 46.896N lon: 17.314E h= 0.0 km
 erh= 1.0km erz= 2.0km
 nr= 16 gap= 92 rms=0.41
 Locality: Várvoľgy
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 35.0 | 29 | Pg | 7:07:45.07 | 0.47 |
| | | | Sg | 07:49.13 | -0.34 |
| EGYH | 58.0 | 1 | Sg | 7:07:56.97 | 0.19 |
| PKST | 68.0 | 54 | Sg | 7:08:00.08 | 0.11 |
| KOGS | 95.4 | 239 | Sg | 7:08:09.22 | 0.54 |
| PKSG | 98.5 | 56 | Sg | 7:08:09.52 | -0.16 |
| KOVH | 108.2 | 146 | Pg | 7:07:57.87 | 0.20 |
| | | | Sg | 08:12.93 | 0.20 |
| PKB4 | 108.2 | 114 | Sg | 7:08:13.03 | 0.29 |
| MORH | 127.0 | 127 | Sg | 7:08:17.25 | -1.46 |
| PKSM | 127.1 | 127 | Pg | 7:08:00.98 | -0.06 |
| | | | Sg | 08:18.15 | -0.59 |
| ARSA | 141.6 | 286 | Pn | 7:08:02.99 | -0.06 |
| | | | Sn | 08:20.27 | -2.04 |
| GROS | 146.8 | 251 | Pn | 7:08:03.59 | -0.11 |
| | | | Sn | 08:23.07 | -0.40 |

630.

2021-04-28 time: 7:34:27.54 UTC ML= 1.6
 lat: 45.540N lon: 17.283E h= 0.0 km
 erh= 8.9km erz= 9.1km
 nr= 12 gap=220 rms=1.13
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 84.8 | 63 | Pg | 7:34:43.62 | 0.94 |
| | | | Sg | 34:52.80 | -1.70 |
| KOVH | 88.0 | 46 | Pg | 7:34:44.55 | 1.30 |
| | | | Sg | 34:56.72 | 1.21 |
| PTJ | 110.6 | 291 | Sg | 7:35:01.39 | -1.31 |
| KOGS | 128.8 | 322 | Pg | 7:34:51.25 | 0.72 |
| | | | Sg | 35:08.57 | 0.10 |
| PKSM | 129.2 | 55 | Pg | 7:34:50.59 | -0.02 |
| | | | Sg | 35:06.34 | -2.27 |
| MORH | 129.7 | 55 | Pg | 7:34:50.29 | -0.40 |
| | | | Sg | 35:06.49 | -2.26 |
| CREG | 145.8 | 283 | Sn | 7:35:12.14 | -0.26 |

631.

2021-04-28 time: 8:32:06.78 UTC ML= 1.4
 lat: 46.053N lon: 22.080E h= 0.0 km
 erh= 2.4km erz= 764km
 nr= 8 gap=113 rms=0.55
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SIRR | 40.3 | 306 | Pg | 8:32:14.30 | 0.32 |
| | | | Sg | 32:18.97 | -0.62 |
| BZS | 60.4 | 217 | Pg | 8:32:18.12 | 0.55 |
| | | | Sg | 32:25.05 | -0.94 |
| GZR | 91.2 | 144 | Pg | 8:32:23.09 | 0.02 |
| | | | Sg | 32:35.04 | -0.74 |
| DRGR | 95.4 | 31 | Pg | 8:32:24.35 | 0.54 |
| | | | Sg | 32:36.40 | -0.69 |

632.

2021-04-28 time: 8:35:48.68 UTC ML= 1.0
 lat: 47.204N lon: 18.282E h= 0.0 km
 erh= 0.9km erz= 1.9km
 nr= 12 gap=109 rms=0.29
 Locality: Cs6r
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.8 | 355 | Pg | 8:35:51.60 | -0.26 |
| | | | Sg | 35:54.11 | -0.23 |
| PKST | 19.8 | 288 | Pg | 8:35:52.41 | 0.20 |
| | | | Sg | 35:55.32 | 0.36 |

Földrengés paraméterek

| PKSG | 22.5 | 21 | Pg | 8:35:52.91 | 0.21 |
|------|-------|-----|----|------------|-------|
| | | | Sg | 35:56.07 | 0.25 |
| MPLH | 56.4 | 266 | Sg | 8:36:06.21 | -0.41 |
| MORH | 113.3 | 166 | Sg | 8:36:24.84 | 0.16 |
| PKSM | 113.6 | 166 | Sg | 8:36:24.84 | 0.04 |
| KOVH | 124.8 | 186 | Sg | 8:36:27.85 | -0.49 |
| PSZ | 145.0 | 57 | Sn | 8:36:33.58 | 0.19 |
| VYHS | 149.3 | 16 | Sn | 8:36:33.17 | -1.18 |

633.

2021-04-28 time: 8:52:35.68 UTC ML= 1.7
 lat: 47.911N lon: 19.408E h= 0.0 km
 erh= 1.5km erz= 3.3km
 nr= 16 gap=108 rms=0.55
 Locality: Becske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 16.4 | 215 | Pg | 8:52:38.86 | 0.25 |
| | | | Sg | 52:40.67 | -0.22 |
| PSZ | 36.4 | 89 | Pg | 8:52:42.28 | 0.10 |
| | | | Sg | 52:47.89 | 0.64 |
| VYHS | 77.5 | 327 | Pg | 8:52:49.50 | -0.02 |
| | | | Sg | 53:01.15 | 0.83 |
| A338 | 79.7 | 278 | Sg | 8:53:01.11 | 0.11 |
| PKSG | 95.8 | 233 | Sg | 8:53:06.73 | 0.61 |
| KECS | 102.3 | 52 | Pg | 8:52:54.12 | 0.17 |
| | | | Sg | 53:07.38 | -0.82 |
| CSKK | 105.6 | 235 | Sg | 8:53:09.04 | -0.20 |
| PKST | 126.2 | 235 | Pg | 8:52:57.69 | -0.53 |
| | | | Sg | 53:14.87 | -0.93 |
| ABAH | 143.0 | 73 | Sn | 8:53:18.78 | -1.16 |
| MORH | 197.2 | 197 | Sn | 8:53:34.25 | 2.28 |
| PKSM | 197.7 | 197 | Sn | 8:53:34.15 | 2.07 |

634.

2021-04-28 time: 9:57:50.76 UTC ML= 1.4
 lat: 48.588N lon: 20.762E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 8 gap=165 rms=0.24
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.5 | 240 | Pg | 9:57:55.14 | 0.18 |
| | | | Sg | 57:58.15 | -0.08 |
| ABAH | 48.0 | 133 | Pg | 9:57:59.53 | 0.20 |
| | | | Sg | 58:05.78 | -0.23 |
| PSZ | 98.5 | 221 | Sg | 9:58:21.83 | -0.23 |
| KOLS | 117.6 | 71 | eSg | 9:58:27.90 | -0.22 |
| VYHS | 142.6 | 266 | Pn | 9:58:15.65 | 0.08 |
| | | | Sn | 58:33.32 | -1.61 |

635.

2021-04-28 time: 10:53:47.86 UTC ML= 1.2
 lat: 48.423N lon: 20.814E h= 0.0 km
 erh= 0.4km erz= 0.6km
 nr= 5 gap=179 rms=0.91
 Locality: Meszes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.2 | 286 | Pg | 10:53:52.94 | 0.58 |
| | | | Sg | 53:54.38 | -1.50 |
| PSZ | 88.4 | 231 | Pg | 10:54:04.55 | 0.90 |
| | | | Sg | 54:15.15 | -0.82 |
| TRPA | 132.1 | 104 | Sn | 10:54:28.81 | -0.89 |

Földrengés paraméterek

Hypocenter Parameters

636.

2021-04-28 time: 11:04:17.38 UTC ML= 1.0
 lat: 47.856N lon: 16.031E h= 0.0 km
 erh= 0.6km erz= 0.8km
 nr= 8 gap=171 rms=0.62
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.0 | 302 | Pg | 11:04:20.54 | 0.49 |
| | | | Sg | 04:22.55 | 0.42 |
| RONA | 26.4 | 131 | Pg | 11:04:22.30 | 0.20 |
| | | | Sg | 04:26.11 | 0.33 |
| WINA | 28.1 | 6 | Pg | 11:04:22.51 | 0.12 |
| | | | Sg | 04:26.52 | 0.22 |
| KRUC | 136.7 | 11 | Pn | 11:04:40.59 | -0.87 |
| | | | Sn | 04:58.00 | -2.24 |

637.

2021-04-29 time: 7:52:14.11 UTC ML= 1.5
 lat: 47.328N lon: 18.471E h= 0.0 km
 erh= 2.2km erz= 4.1km
 nr= 9 gap=116 rms=0.53
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.3 | 320 | PgU | 7:52:16.20 | 0.42 |
| | | | Sg | 52:16.80 | -0.28 |
| CSKK | 16.3 | 284 | Pg | 7:52:17.64 | 0.61 |
| | | | Sg | 52:19.60 | 0.29 |
| PKST | 33.9 | 257 | Pg | 7:52:20.05 | -0.11 |
| | | | Sg | 52:23.53 | -1.35 |
| PKSM | 124.7 | 174 | Sg | 7:52:53.88 | 0.12 |
| PSZ | 125.6 | 58 | Sg | 7:52:53.43 | -0.60 |
| VYHS | 132.5 | 12 | Sn | 7:52:55.34 | -0.70 |

638.

2021-04-29 time: 9:09:38.03 UTC ML= 1.9
 lat: 48.218N lon: 21.275E h= 0.0 km
 erh= 2.1km erz= 3.7km
 nr= 11 gap=156 rms=0.58
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 9.0 | 343 | Pg | 9:09:40.40 | 0.76 |
| | | | Sg | 09:41.41 | 0.51 |
| KECS | 65.5 | 297 | Pg | 9:09:50.19 | 0.46 |
| | | | Sg | 09:58.63 | -0.23 |
| TRPA | 94.5 | 96 | Pg | 9:09:54.16 | -0.74 |
| | | | Sg | 10:08.57 | 0.50 |
| PSZ | 108.2 | 252 | Pg | 9:09:57.57 | 0.22 |
| | | | Sg | 10:11.73 | -0.69 |
| KOLS | 108.3 | 43 | Pg | 9:09:57.42 | 0.04 |
| | | | Sg | 10:11.28 | -1.19 |
| NIE | 151.1 | 332 | Sn | 9:10:23.43 | -0.65 |

639.

2021-04-29 time: 9:22:55.97 UTC ML= 1.6
 lat: 48.262N lon: 21.217E h= 0.0 km
 erh= 5.6km erz= 968km
 nr= 7 gap=203 rms=0.64
 Locality: Abaújszántó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| ABAH | 4.2 | 24 | Pg | 9:22:57.00 | 0.29 |
| | | | Sg | 22:57.91 | 0.62 |
| KECS | 59.5 | 294 | Pg | 9:23:06.76 | 0.16 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 23:14.44 | -0.45 |
| PSZ | 105.7 | 249 | Pg | 9:23:15.36 | 0.52 |
| | | | Sg | 23:28.23 | -1.33 |
| KOLS | 107.9 | 46 | Sg | 9:23:29.12 | -1.15 |

640.

2021-04-29 time: 9:29:35.12 UTC ML= 1.2
 lat: 48.590N lon: 20.756E h= 0.0 km
 erh= 2.0km erz= 4.0km
 nr= 11 gap= 90 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.2 | 239 | Pg | 9:29:39.71 | 0.44 |
| | | | Sg | 29:42.37 | -0.14 |
| ABAH | 48.5 | 132 | Pg | 9:29:44.08 | 0.30 |
| | | | Sg | 29:50.30 | -0.23 |
| NIE | 97.7 | 341 | Pg | 9:29:52.97 | 0.41 |
| | | | Sg | 30:05.62 | -0.55 |
| PSZ | 98.4 | 221 | Pg | 9:29:52.87 | 0.19 |
| | | | Sg | 30:05.37 | -1.01 |
| KOLS | 117.9 | 71 | Sg | 9:30:11.29 | -1.31 |
| VYHS | 142.2 | 266 | Pn | 9:30:00.45 | 0.57 |
| | | | Sn | 30:17.82 | -1.37 |

641.

2021-04-29 time: 9:39:49.42 UTC ML= 0.6
 lat: 47.209N lon: 18.296E h= 0.0 km
 erh= 1.5km erz= 298km
 nr= 7 gap=167 rms=0.20
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.3 | 351 | Pg | 9:39:52.48 | -0.04 |
| | | | Sg | 39:54.73 | -0.20 |
| PKST | 20.6 | 286 | Pg | 9:39:53.29 | 0.19 |
| | | | Sg | 39:55.82 | -0.14 |
| PKSG | 21.5 | 19 | Pg | 9:39:53.41 | 0.14 |
| | | | Sg | 39:56.23 | -0.03 |
| KOVH | 125.5 | 187 | Sg | 9:40:28.47 | -0.84 |

642.

2021-04-29 time: 11:10:07.37 UTC ML= 1.1
 lat: 47.579N lon: 16.363E h= 0.0 km
 erh= 2.7km erz= 335km
 nr= 6 gap=264 rms=0.20
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 14.3 | 340 | Pg | 11:10:09.66 | -0.27 |
| | | | Sg | 10:11.76 | -0.17 |
| SOP | 18.7 | 52 | Pg | 11:10:10.66 | -0.05 |
| | | | Sg | 10:13.52 | 0.20 |
| CONA | 54.1 | 316 | Pg | 11:10:17.29 | 0.27 |
| | | | Sg | 10:24.63 | 0.08 |

643.

2021-04-29 time: 11:14:47.79 UTC ML= 1.6
 lat: 46.118N lon: 21.727E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 8 gap=154 rms=1.04
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| SIRR | 17.3 | 343 | Pg | 11:14:50.86 | -0.03 |
| | | | Sg | 14:53.57 | 0.26 |

Hypocenter Parameters

BZS 56.4 189 Pg 11:14:57.44 -0.43
 Sg 15:04.71 -1.02
 DRGR 106.4 45 Pg 11:15:08.03 1.24
 Sg 15:19.58 -2.03
 GZR 114.8 135 Pg 11:15:09.53 1.25
 Sg 15:22.79 -1.48

644.

2021-04-29 time: 17:57:22.52 UTC ML= 1.1
 lat: 45.864N lon: 17.789E h= 18.2 km
 erh= 1.2km erz= 0.4km
 nr= 7 gap=318 rms=0.08
 Locality: Markóc
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 34.6 | 44 | PgD | 17:57:29.42 | -0.09 |
| | | | Sg | 57:35.10 | 0.14 |
| PKSV | 36.0 | 86 | Sg | 17:57:35.37 | 0.01 |
| PKSM | 76.4 | 60 | P* | 17:57:36.23 | 0.04 |
| | | | S* | 57:46.83 | -0.02 |
| MORH | 76.8 | 59 | P* | 17:57:36.30 | 0.05 |
| | | | S* | 57:46.84 | -0.13 |

645.

2021-04-29 time: 23:53:00.39 UTC ML= 0.9
 lat: 46.084N lon: 21.421E h= 15.0 km
 erh= 4.4km erz= 5.2km
 nr= 7 gap=135 rms=0.80
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 27.5 | 42 | Pg | 23:53:06.78 | 0.80 |
| | | | Sg | 53:09.29 | -1.05 |
| BZS | 54.1 | 164 | Pg | 23:53:11.30 | 0.88 |
| | | | Sg | 53:17.43 | -0.81 |
| AMBH | 61.3 | 299 | Pg | 23:53:11.64 | -0.02 |
| | | | Sg | 53:19.08 | -1.36 |
| GZR | 130.5 | 126 | Sn | 23:53:38.18 | -0.28 |

646.

2021-04-30 time: 8:37:48.64 UTC ML= 1.1
 lat: 46.175N lon: 18.285E h= 0.0 km
 erh= 0.5km erz=94.2km
 nr= 8 gap=204 rms=0.07
 Locality: Zobákpuzsta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.3 | 236 | PgU | 8:37:51.74 | 0.01 |
| | | | Sg | 37:54.02 | -0.11 |
| PKSM | 27.8 | 81 | Pg | 8:37:53.61 | 0.00 |
| | | | Sg | 37:57.33 | -0.15 |
| MORH | 28.1 | 81 | PgD | 8:37:53.69 | 0.03 |
| | | | Sg | 37:57.64 | 0.07 |
| PKSV | 31.9 | 185 | Pg | 8:37:54.32 | -0.03 |
| | | | Sg | 37:58.93 | 0.14 |

647.

2021-04-30 time: 10:01:19.00 UTC ML= 1.6
 lat: 47.899N lon: 19.074E h= 0.0 km
 erh= 3.4km erz= 491km
 nr= 5 gap=217 rms=0.24
 Locality: Nógrád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 19.7 | 128 | Pg | 10:01:22.60 | 0.08 |
| | | | Sg | 01:24.66 | -0.60 |

Földrengés paraméterek

PSZ 61.4 88 Pg 10:01:30.08 0.12
 Sg 01:38.74 0.23
 VYHS 68.5 345 Sg 10:01:40.56 -0.21

648.

2021-04-30 time: 10:11:44.45 UTC ML= 1.5
 lat: 46.158N lon: 18.007E h= 0.0 km
 erh= 2.3km erz= 601km
 nr= 10 gap=195 rms=0.47
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 10.5 | 137 | PgU | 10:11:46.35 | 0.02 |
| | | | Sg | 11:47.84 | 0.04 |
| PKSV | 35.4 | 148 | Sg | 10:11:55.07 | -0.64 |
| PKSM | 49.3 | 83 | Pg | 10:11:53.48 | 0.22 |
| | | | Sg | 12:00.00 | -0.13 |
| MORH | 49.6 | 83 | Pg | 10:11:53.57 | 0.26 |
| | | | Sg | 12:00.01 | -0.21 |
| MPLH | 118.1 | 342 | Pg | 10:12:06.24 | 0.70 |
| | | | Sg | 12:21.23 | -0.76 |
| PKST | 122.4 | 1 | Sg | 10:12:22.08 | -1.29 |

649.

2021-04-30 time: 10:19:39.56 UTC ML= 0.6
 lat: 47.676N lon: 16.006E h= 10.5 km
 erh= 2.1km erz= 2.6km
 nr= 9 gap=134 rms=0.48
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 22.0 | 83 | Pg | 10:19:44.13 | 0.22 |
| | | | Sg | 19:46.82 | -0.48 |
| CONA | 30.0 | 339 | Pg | 10:19:45.85 | 0.61 |
| | | | Sg | 19:49.12 | -0.55 |
| WINA | 48.2 | 6 | Pg | 10:19:48.17 | -0.20 |
| | | | Sg | 19:54.75 | -0.49 |
| ARSA | 59.7 | 218 | Pg | 10:19:50.96 | 0.57 |
| | | | Sg | 19:58.09 | -0.74 |
| MODS | 122.5 | 51 | Sn | 10:20:16.59 | -0.29 |

650.

2021-04-30 time: 10:55:09.73 UTC ML= 1.5
 lat: 48.598N lon: 20.807E h= 0.0 km
 erh= 2.1km erz= 3.5km
 nr= 10 gap= 92 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.9 | 242 | Pg | 10:55:14.56 | 0.02 |
| | | | Sg | 55:18.58 | 0.29 |
| ABAH | 46.4 | 136 | Pg | 10:55:18.12 | 0.11 |
| | | | Sg | 55:24.35 | -0.12 |
| NIE | 98.2 | 338 | Pg | 10:55:27.46 | 0.19 |
| PSZ | 101.5 | 222 | Pg | 10:55:27.87 | 0.02 |
| | | | Sg | 55:41.33 | -0.66 |
| KOLS | 114.1 | 71 | Sg | 10:55:45.04 | -0.95 |
| VYHS | 146.0 | 265 | Pn | 10:55:35.75 | 0.78 |
| | | | Sn | 55:53.37 | -1.28 |

651.

2021-04-30 time: 11:15:52.16 UTC ML= 0.8
 lat: 45.959N lon: 18.592E h= 0.0 km
 erh= 2.6km erz= 380km
 nr= 8 gap=245 rms=0.27
 Locality: Nagynyárad
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 27.5 | 253 | Pg | 11:15:57.28 | 0.21 |
| | | | Sg | 16:00.65 | -0.25 |
| PKSM | 28.4 | 8 | Pg | 11:15:57.31 | 0.09 |
| | | | Sg | 16:01.10 | -0.08 |
| MORH | 28.9 | 8 | Pg | 11:15:57.48 | 0.17 |
| | | | Sg | 16:00.99 | -0.34 |
| KOVH | 40.7 | 291 | Pg | 11:15:59.04 | -0.39 |
| | | | Sg | 16:05.63 | 0.53 |

652.

2021-04-30 time: 13:22:38.07 UTC ML= 1.1
 lat: 47.689N lon: 16.015E h= 10.6 km
 erh= 2.1km erz= 1.8km
 nr= 14 gap=123 rms=0.65
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.1 | 87 | PgU | 13:22:42.31 | 0.02 |
| | | | Sg | 22:45.11 | -0.48 |
| CONA | 28.9 | 337 | Pg | 13:22:43.95 | 0.38 |
| | | | Sg | 22:47.22 | -0.65 |
| SOP | 40.8 | 91 | Pg | 13:22:45.77 | 0.17 |
| WINA | 46.7 | 5 | Pg | 13:22:47.00 | 0.38 |
| | | | Sg | 22:52.96 | -0.32 |
| ARSA | 61.3 | 217 | Pg | 13:22:49.16 | -0.02 |
| | | | Sg | 22:56.33 | -1.52 |
| ABNA | 117.4 | 338 | Pn | 13:22:58.03 | -0.36 |
| | | | Sn | 23:12.53 | -1.70 |
| MODS | 121.0 | 51 | Pn | 13:22:59.98 | 1.14 |
| | | | Sn | 23:14.72 | -0.33 |
| SOKA | 134.9 | 214 | Sn | 13:23:19.19 | 1.07 |

653.

2021-04-30 time: 16:29:36.05 UTC ML= 0.6
 lat: 47.683N lon: 16.007E h= 8.6 km
 erh= 1.6km erz= 2.3km
 nr= 9 gap=132 rms=0.37
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.8 | 85 | Pg | 16:29:40.44 | 0.21 |
| | | | Sg | 29:43.16 | -0.33 |
| CONA | 29.4 | 338 | Pg | 16:29:41.79 | 0.27 |
| | | | Sg | 29:45.35 | -0.44 |
| WINA | 47.5 | 6 | Pg | 16:29:44.91 | 0.24 |
| | | | Sg | 29:51.03 | -0.36 |
| ARSA | 60.3 | 217 | Pg | 16:29:47.21 | 0.27 |
| | | | Sg | 29:54.23 | -1.20 |
| KRUC | 156.0 | 11 | Sn | 16:30:20.94 | -0.30 |

654.

2021-04-30 time: 22:33:27.80 UTC ML= 0.6
 lat: 47.672N lon: 16.022E h= 10.4 km
 erh= 1.9km erz= 2.6km
 nr= 11 gap=131 rms=0.52
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 20.8 | 81 | Pg | 22:33:32.48 | 0.52 |
| | | | Sg | 33:35.04 | -0.16 |
| CONA | 30.9 | 337 | Pg | 22:33:34.29 | 0.66 |
| | | | Sg | 33:37.83 | -0.35 |
| SOP | 40.3 | 88 | Sg | 22:33:40.53 | -0.49 |
| WINA | 48.6 | 4 | Pg | 22:33:36.79 | 0.12 |
| | | | Sg | 33:43.09 | -0.50 |
| ARSA | 60.1 | 219 | Pg | 22:33:39.00 | 0.30 |
| | | | Sg | 33:46.44 | -0.76 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| ABNA | 119.4 | 338 | Pn | 22:33:48.25 | -0.13 |
| | | | Sn | 34:02.71 | -1.73 |

655.

2021-05-01 time: 8:55:23.21 UTC ML= 0.3
 lat: 47.739N lon: 16.135E h= 13.4 km
 erh= 3.7km erz= 2.6km
 nr= 8 gap=110 rms=0.68
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 12.9 | 110 | PgU | 8:55:26.89 | 0.36 |
| | | | Sg | 55:28.88 | -0.24 |
| CONA | 29.3 | 316 | Pg | 8:55:29.44 | 0.47 |
| | | | Sg | 55:33.01 | -0.45 |
| ARSA | 71.3 | 220 | Sg | 8:55:45.41 | -0.86 |
| ABNA | 115.9 | 333 | Pn | 8:55:43.89 | 0.91 |
| | | | Sn | 55:56.87 | -1.54 |
| KRUC | 148.3 | 7 | Sn | 8:56:05.20 | -0.39 |

656.

2021-05-01 time: 11:14:42.14 UTC ML= 1.5
 lat: 47.777N lon: 16.158E h= 11.4 km
 erh= 2.0km erz= 1.4km
 nr= 21 gap= 82 rms=0.76
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.5 | 130 | Pg | 11:14:45.64 | 0.35 |
| | | | Sg | 14:47.49 | -0.26 |
| CONA | 27.9 | 307 | Pg | 11:14:47.94 | 0.43 |
| | | | Sg | 14:52.06 | 0.35 |
| SOP | 31.8 | 109 | Pg | 11:14:48.25 | 0.08 |
| | | | Sg | 14:52.24 | -0.63 |
| WINA | 37.3 | 350 | Pg | 11:14:49.73 | 0.63 |
| | | | Sg | 14:54.50 | -0.04 |
| ARSA | 75.6 | 219 | Pg | 11:14:55.12 | -0.66 |
| | | | Sg | 15:04.21 | -2.22 |
| MODS | 106.6 | 51 | Pn | 11:15:01.30 | 0.30 |
| | | | Sn | 15:14.51 | -1.21 |
| ABNA | 113.0 | 332 | Pn | 11:15:01.41 | -0.39 |
| | | | Sn | 15:14.74 | -2.41 |
| MOA | 141.9 | 273 | Pn | 11:15:05.96 | 0.55 |
| | | | Sn | 15:23.38 | -0.18 |
| KRUC | 144.0 | 7 | Pn | 11:15:05.77 | 0.11 |
| | | | Sn | 15:23.24 | -0.77 |
| PERS | 149.4 | 212 | Pn | 11:15:08.28 | 1.95 |
| | | | Sn | 15:25.85 | 0.64 |
| BIOA | 189.2 | 267 | Sn | 11:15:34.01 | -0.05 |

657.

2021-05-01 time: 21:43:57.14 UTC ML= 2.7
 lat: 45.890N lon: 16.003E h= 7.8 km
 erh= 1.2km erz= 0.8km
 nr= 53 gap= 54 rms=0.66
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PTJ | 3.7 | 287 | PgU | 21:43:58.59 | -0.09 |
| | | | Sg | 43:59.28 | -0.61 |
| ZAG | 6.8 | 186 | Pg | 21:43:59.31 | 0.32 |
| | | | Sg | 44:00.25 | -0.19 |
| GCIS | 29.3 | 265 | iPg | 21:44:02.79 | 0.24 |
| | | | iSg | 44:06.54 | -0.23 |
| CRCS | 43.0 | 260 | Pg | 21:44:05.08 | 0.13 |
| | | | Sg | 44:11.35 | 0.31 |
| DOBS | 50.4 | 305 | iPgD | 21:44:06.57 | 0.32 |
| KOGS | 64.9 | 17 | Pg | 21:44:09.22 | 0.41 |
| | | | Sg | 44:17.38 | -0.53 |

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|--------|-----|
| BOJS | 72.6 | 234 | iPg | 21:44:09.62 | | -0.55 | |
| GROS | 74.3 | 329 | Pg | 21:44:10.53 | | 0.05 | |
| BEHE | 87.8 | 43 | Pg | 21:44:13.51 | | 0.63 | |
| | | | Sg | 44:24.39 | | -0.77 | |
| PERS | 107.4 | 320 | Pg | 21:44:15.71 | | -0.66 | |
| | | | Sg | 44:28.92 | | -2.46 | |
| SOKA | 115.2 | 319 | Pn | 21:44:16.70 | | -0.83 | |
| | | | Sn | 44:31.61 | | -1.83 | |
| OBKA | 131.7 | 302 | Pn | 21:44:20.15 | | 0.56 | |
| | | | Sn | 44:35.85 | | -1.25 | |
| ARSA | 155.6 | 346 | Pn | 21:44:23.32 | | 0.75 | |
| | | | Sn | 44:42.43 | | 0.01 | |
| BLY | 157.0 | 144 | Pn | 21:44:22.76 | | 0.01 | |
| | | | Sn | 44:42.89 | | 0.17 | |
| KOVH | 163.9 | 82 | Pn | 21:44:23.03 | | -0.58 | |
| | | | Sn | 44:45.06 | | 0.81 | |
| PKSV | 174.5 | 90 | Pn | 21:44:24.37 | | -0.56 | |
| TRI | 175.3 | 263 | Pn | 21:44:26.40 | | 1.38 | |
| | | | Sn | 44:48.54 | | 1.77 | |
| TIH | 183.6 | 52 | Pn | 21:44:26.31 | | 0.24 | |
| MPLH | 184.8 | 40 | Pn | 21:44:26.96 | | 0.75 | |
| | | | Sn | 44:49.59 | | 0.71 | |
| PKS9 | 191.8 | 66 | Pn | 21:44:26.63 | | -0.46 | |
| EGYH | 197.9 | 31 | Pn | 21:44:28.93 | | 1.09 | |
| | | | Sn | 44:51.82 | | 0.03 | |
| MYKA | 199.8 | 294 | Pn | 21:44:31.51 | | 3.43 | |
| | | | Sn | 44:51.41 | | -0.81 | |
| SOP | 203.8 | 12 | Pn | 21:44:29.36 | | 0.78 | |
| | | | Sn | 44:57.00 | | 3.89* | |
| PKSM | 207.3 | 80 | Pn | 21:44:28.18 | | -0.83 | |
| MORH | 207.6 | 80 | Pn | 21:44:28.24 | | -0.81 | |
| PKB5 | 224.8 | 70 | Pn | 21:44:31.36 | | 0.16 | |
| PKB1 | 236.6 | 65 | Pn | 21:44:32.63 | | -0.04 | |
| WINA | 246.5 | 1 | Pn | 21:44:35.09 | | 1.18 | |
| | | | Sn | 45:02.79 | | 0.20 | |
| PKB3 | 253.6 | 76 | Pn | 21:44:34.01 | | -0.77 | |
| MOA | 254.9 | 329 | Pn | 21:44:35.19 | | 0.23 | |
| | | | Sn | 45:04.15 | | -0.31 | |
| PKS2 | 256.7 | 75 | Pn | 21:44:34.92 | | -0.25 | |
| BIOA | 269.6 | 318 | Pn | 21:44:37.45 | | 0.66 | |
| | | | Sn | 45:08.71 | | 0.99 | |
| ABTA | 285.3 | 290 | Pn | 21:44:37.99 | | -0.75 | |
| | | | Sn | 45:10.73 | | -0.46 | |
| LESA | 306.5 | 304 | Pn | 21:44:41.88 | | 0.50* | |
| | | | Sn | 45:15.51 | | -0.38* | |
| ABNA | 312.1 | 352 | Pn | 21:44:42.83 | | 0.75* | |
| | | | Sn | 45:17.04 | | -0.10* | |
| KRUC | 353.9 | 5 | Pn | 21:44:47.95 | | 0.66* | |

658.

2021-05-02 time: 4:49:38.14 UTC ML= 1.3
 lat: 45.533N lon: 21.181E h= 1.9 km
 erh= 1.4km erz=17.4km
 nr= 6 gap=137 rms=0.12
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| BANR | 17.1 | 192 | Pg | 4:49:41.05 | | -0.17 | |
| | | | Sg | 49:43.71 | | 0.09 | |
| BZS | 35.2 | 75 | Pg | 4:49:44.57 | | 0.12 | |
| | | | Sg | 49:49.34 | | -0.02 | |
| SIRR | 89.7 | 24 | Sg | 4:50:06.56 | | -0.09 | |
| FRGS | 116.2 | 248 | Sg | 4:50:15.20 | | 0.11 | |

659.

2021-05-02 time: 9:35:19.37 UTC ML= 0.7
 lat: 47.734N lon: 16.118E h= 11.2 km
 erh= 1.5km erz= 1.5km
 nr= 8 gap=114 rms=0.29
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| RONA | 13.9 | 106 | Pg | 9:35:22.74 | | 0.18 | |
| | | | Sg | 35:24.77 | | -0.27 | |
| CONA | 29.0 | 318 | Pg | 9:35:25.14 | | 0.22 | |
| | | | Sg | 35:28.85 | | -0.39 | |
| SOP | 33.5 | 100 | Pg | 9:35:25.76 | | 0.08 | |
| ARSA | 70.0 | 220 | Sg | 9:35:41.49 | | -0.40 | |
| KRUC | 149.1 | 8 | Pn | 9:35:43.77 | | 0.21 | |
| | | | Sn | 36:01.36 | | -1.08 | |

660.

2021-05-02 time: 13:15:11.12 UTC ML= 0.9
 lat: 47.746N lon: 16.155E h= 14.0 km
 erh= 2.1km erz= 1.7km
 nr= 12 gap=105 rms=0.53
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 11.8 | 116 | PgU | 13:15:14.65 | | 0.26 | |
| | | | Sg | 15:16.56 | | -0.39 | |
| CONA | 29.9 | 313 | Pg | 13:15:17.46 | | 0.45 | |
| | | | Sg | 15:21.50 | | -0.11 | |
| SOP | 31.1 | 103 | Pg | 13:15:17.58 | | 0.37 | |
| | | | Sg | 15:21.50 | | -0.46 | |
| WINA | 40.6 | 351 | Sg | 13:15:24.30 | | -0.48 | |
| ARSA | 72.8 | 221 | Pg | 13:15:24.44 | | 0.08 | |
| | | | Sg | 15:32.95 | | -1.74 | |
| ABNA | 115.9 | 332 | Sn | 13:15:45.03 | | -1.15 | |
| KRUC | 147.4 | 7 | Pn | 13:15:35.41 | | 0.67 | |
| | | | Sn | 15:52.78 | | -0.38 | |

661.

2021-05-02 time: 18:49:35.13 UTC ML= 0.9
 lat: 47.748N lon: 16.143E h= 13.8 km
 erh= 1.8km erz= 1.7km
 nr= 13 gap=105 rms=0.52
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| RONA | 12.7 | 115 | PgU | 18:49:38.64 | | 0.16 | |
| | | | Sg | 49:40.52 | | -0.57 | |
| CONA | 29.1 | 314 | Pg | 18:49:41.50 | | 0.62 | |
| | | | Sg | 49:45.01 | | -0.36 | |
| SOP | 32.0 | 103 | Pg | 18:49:41.52 | | 0.17 | |
| | | | Sg | 49:45.82 | | -0.38 | |
| WINA | 40.3 | 353 | Pg | 18:49:43.05 | | 0.31 | |
| | | | Sg | 49:48.04 | | -0.64 | |
| ARSA | 72.3 | 220 | Pg | 18:49:48.35 | | 0.07 | |
| | | | Sg | 49:57.92 | | -0.62 | |
| ABNA | 115.4 | 333 | Sn | 18:50:08.70 | | -1.42 | |
| KRUC | 147.3 | 7 | Pn | 18:49:59.60 | | 0.83 | |
| | | | Sn | 50:16.62 | | -0.59 | |

662.

2021-05-03 time: 3:52:03.67 UTC ML= 0.9
 lat: 47.783N lon: 16.246E h= 13.5 km
 erh= 2.9km erz= 2.2km
 nr= 12 gap=111 rms=0.69
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| RONA | 10.0 | 158 | PgD | 3:52:06.97 | | 0.29 | |
| | | | Sg | 52:08.79 | | -0.24 | |
| SOP | 25.9 | 115 | Sg | 3:52:11.87 | | -1.11 | |
| CONA | 33.0 | 299 | Pg | 3:52:10.44 | | 0.40 | |
| | | | Sg | 52:14.43 | | -0.57 | |
| WINA | 38.3 | 340 | Pg | 3:52:11.78 | | 0.85 | |
| | | | Sg | 52:15.69 | | -0.89 | |
| ARSA | 80.4 | 223 | Sg | 3:52:29.42 | | -0.18 | |

Földrengés paraméterek

Hypocenter Parameters

ABNA 115.7 329 Pn 3:52:23.22 -0.18
 Sn 52:36.37 -2.42
 KRUC 142.6 4 Pn 3:52:27.66 0.90
 Sn 52:44.58 -0.19

663.

2021-05-03 time: 8:01:56.85 UTC ML= 1.3
 lat: 48.013N lon: 20.687E h= 0.0 km
 erh= 8.7km erz= ***km
 nr= 5 gap=207 rms=0.76
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 51.8 | 53 | Pg | 8:02:06.85 | 0.76 |
| | | | Sg | 02:12.46 | -0.85 |
| KECS | 54.4 | 344 | Pg | 8:02:07.10 | 0.54 |
| | | | Sg | 02:13.31 | -0.82 |
| PSZ | 60.1 | 260 | Sg | 8:02:14.97 | -0.98 |

664.

2021-05-04 time: 7:28:22.18 UTC ML= 1.6
 lat: 48.438N lon: 19.523E h= 0.0 km
 erh= 1.5km erz= 4.1km
 nr= 13 gap= 80 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 51.2 | 277 | Pg | 7:28:31.90 | 0.58 |
| | | | Sg | 28:37.99 | -0.46 |
| PSZ | 64.1 | 154 | Pg | 7:28:34.21 | 0.59 |
| | | | Sg | 28:41.83 | -0.72 |
| KECS | 71.4 | 86 | Pg | 7:28:35.36 | 0.44 |
| | | | Sg | 28:44.40 | -0.47 |
| PENC | 74.2 | 194 | Pg | 7:28:35.83 | 0.39 |
| | | | Sg | 28:45.05 | -0.73 |
| LANS | 79.3 | 357 | eSg | 7:28:47.10 | -0.29 |
| NIE | 123.5 | 28 | Sg | 7:29:00.42 | -1.00 |
| ABAH | 128.2 | 97 | Pg | 7:28:45.35 | 0.28 |
| | | | Sg | 29:02.52 | -0.40 |
| PKSG | 143.9 | 216 | Sn | 7:29:05.53 | -1.10 |

665.

2021-05-04 time: 9:24:45.55 UTC ML= 1.5
 lat: 48.604N lon: 20.753E h= 0.0 km
 erh= 2.8km erz= 3.5km
 nr= 8 gap=167 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.9 | 236 | Pg | 9:24:50.31 | 0.49 |
| | | | Sg | 24:53.33 | 0.18 |
| ABAH | 49.7 | 134 | Sg | 9:25:01.16 | -0.18 |
| PSZ | 99.4 | 220 | Pg | 9:25:03.72 | 0.41 |
| | | | Sg | 25:16.17 | -0.98 |
| KOLS | 117.6 | 72 | Sg | 9:25:22.69 | -0.23 |
| VYHS | 142.1 | 265 | Pn | 9:25:10.25 | -0.05 |
| | | | Sn | 25:28.57 | -1.04 |

666.

2021-05-04 time: 10:00:28.25 UTC ML= 1.6
 lat: 48.116N lon: 16.961E h= 0.0 km
 erh= 2.4km erz= 2.3km
 nr= 11 gap=154 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.0 | 39 | Pg | 10:00:35.71 | 0.84 |
| | | | Sg | 00:40.31 | 0.28 |
| WINA | 66.1 | 269 | Pg | 10:00:39.38 | -0.68 |
| RONA | 67.9 | 227 | Pg | 10:00:40.83 | 0.45 |
| | | | Sg | 00:49.60 | -0.24 |
| CONA | 84.6 | 256 | Pg | 10:00:43.69 | 0.33 |
| | | | Sg | 00:55.49 | 0.34 |
| KRUC | 113.1 | 338 | Sg | 10:01:02.76 | -1.45 |
| ARSA | 144.6 | 228 | Pn | 10:00:53.48 | 0.16 |
| | | | Sn | 01:11.81 | -1.06 |
| VYHS | 145.3 | 73 | Sn | 10:01:12.26 | -0.77 |

667.

2021-05-04 time: 10:24:05.05 UTC ML= 0.9
 lat: 47.281N lon: 18.222E h= 0.0 km
 erh= 1.0km erz= 124km
 nr= 6 gap=214 rms=0.07
 Locality: Kincsesbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 9.6 | 18 | Pg | 10:24:06.72 | -0.04 |
| | | | Sg | 24:08.08 | -0.02 |
| PKST | 14.4 | 260 | Pg | 10:24:07.63 | 0.01 |
| | | | Sg | 24:09.69 | 0.07 |
| PKSG | 17.7 | 46 | Pg | 10:24:08.18 | -0.04 |
| | | | Sg | 24:10.99 | 0.30 |

668.

2021-05-04 time: 11:09:59.60 UTC ML= 1.0
 lat: 47.904N lon: 16.122E h= 0.0 km
 erh= 2.9km erz= 806km
 nr= 7 gap=141 rms=0.53
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 19.6 | 278 | Pg | 11:10:02.86 | -0.24 |
| | | | Sg | 10:05.88 | 0.05 |
| WINA | 22.9 | 351 | Pg | 11:10:04.98 | 1.28 |
| RONA | 26.2 | 150 | Pg | 11:10:04.50 | 0.22 |
| | | | Sg | 10:07.77 | -0.16 |
| KRUC | 130.4 | 9 | Pg | 11:10:22.44 | -0.44 |
| | | | Sg | 10:40.41 | -0.63 |

669.

2021-05-05 time: 6:45:39.56 UTC ML= 1.1
 lat: 47.108N lon: 18.041E h= 0.0 km
 erh= 2.5km erz= 518km
 nr= 9 gap=138 rms=0.39
 Locality: Királyszentistván
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 16.8 | 358 | Pg | 6:45:42.20 | -0.36 |
| | | | Sg | 45:44.92 | 0.02 |
| CSKK | 32.9 | 30 | Pg | 6:45:45.52 | 0.09 |
| | | | Sg | 45:49.94 | -0.07 |
| MPLH | 38.7 | 280 | Pg | 6:45:46.92 | 0.45 |
| | | | Sg | 45:51.54 | -0.32 |
| PKSG | 41.2 | 40 | Pg | 6:45:47.28 | 0.36 |
| | | | Sg | 45:52.30 | -0.35 |
| KOVH | 113.4 | 178 | Sg | 6:46:13.53 | -2.09 |

Hypocenter Parameters

Földrengés paraméterek

670.

2021-05-05 time: 10:00:03.88 UTC ML= 1.7
 lat: 48.395N lon: 17.325E h= 0.0 km
 erh= 3.2km erz= 704km
 nr= 8 gap=195 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 4.2 | 237 | PgU | 10:00:05.02 | 0.39 |
| | | | Sg | 00:06.37 | 1.15 |
| SMOL | 15.3 | 30 | Pg | 10:00:06.80 | 0.18 |
| KRUC | 100.9 | 317 | Pg | 10:00:21.30 | -0.60 |
| | | | Sg | 00:36.11 | 0.15 |
| RONA | 108.9 | 225 | Pg | 10:00:23.46 | 0.14 |
| | | | Sg | 00:37.92 | -0.56 |
| CONA | 120.6 | 245 | Sg | 10:00:41.33 | -0.88 |

671.

2021-05-05 time: 11:41:05.00 UTC ML= 1.6
 lat: 47.932N lon: 20.148E h= 0.0 km
 erh= 4.7km erz= 4.8km
 nr= 8 gap=182 rms=0.71
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 19.0 | 265 | Pg | 11:41:08.75 | 0.36 |
| | | | Sg | 41:11.72 | 0.69 |
| PENC | 66.7 | 256 | Sg | 11:41:25.87 | -0.32 |
| ABAH | 90.8 | 64 | Pg | 11:41:21.46 | 0.24 |
| | | | Sg | 41:33.51 | -0.36 |
| VYHS | 115.8 | 303 | Pg | 11:41:26.27 | 0.59 |
| | | | Sg | 41:40.14 | -1.66 |
| PKSG | 145.0 | 246 | Sn | 11:41:48.38 | -1.32 |

672.

2021-05-05 time: 12:16:12.99 UTC ML= 1.7
 lat: 47.902N lon: 16.074E h= 0.0 km
 erh= 3.0km erz= 4.4km
 nr= 9 gap=173 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.1 | 280 | Pg | 12:16:16.07 | 0.19 |
| | | | Sg | 16:18.43 | 0.31 |
| RONA | 28.0 | 144 | Pg | 12:16:17.87 | -0.13 |
| | | | Sg | 16:21.64 | -0.26 |
| ARSA | 83.5 | 210 | Sg | 12:16:38.38 | -1.15 |
| ABNA | 97.8 | 331 | Pg | 12:16:30.75 | 0.30 |
| | | | Sg | 16:43.18 | -0.89 |
| GROS | 166.0 | 195 | Pn | 12:16:42.17 | 1.44 |
| | | | Sn | 17:02.08 | -0.28 |

673.

2021-05-05 time: 12:26:14.71 UTC ML= 1.1
 lat: 47.910N lon: 16.088E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 9 gap=136 rms=0.90
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 17.0 | 277 | Pg | 12:26:18.01 | 0.26 |
| | | | Sg | 26:19.92 | -0.20 |
| WINA | 21.9 | 357 | Pg | 12:26:20.55 | 1.93 |
| RONA | 28.1 | 146 | Pg | 12:26:19.61 | -0.12 |
| | | | Sg | 26:23.43 | -0.22 |
| ABNA | 97.5 | 330 | Pg | 12:26:32.35 | 0.23 |

| | | | | | |
|------|-------|----|----|-------------|-------|
| | | | Sg | 26:44.94 | -0.76 |
| KRUC | 130.0 | 10 | Pg | 12:26:37.59 | -0.34 |
| | | | Sg | 26:52.75 | -3.29 |

674.

2021-05-05 time: 14:38:09.82 UTC ML= 1.2
 lat: 47.816N lon: 16.196E h= 12.0 km
 erh= 2.5km erz= 1.8km
 nr= 11 gap=118 rms=0.60
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.0 | 150 | Pg | 14:38:13.62 | 0.37 |
| | | | Sg | 38:15.63 | -0.29 |
| CONA | 28.0 | 297 | Pg | 14:38:15.13 | -0.13 |
| | | | Sg | 38:18.44 | -1.06 |
| SOP | 30.9 | 119 | Sg | 14:38:19.17 | -1.19 |
| WINA | 33.7 | 344 | Pg | 14:38:16.61 | 0.40 |
| | | | Sg | 38:21.74 | 0.55 |
| MODS | 101.6 | 52 | S* | 14:38:41.54 | -0.48 |
| KRUC | 139.3 | 6 | Pn | 14:38:33.46 | 0.76 |
| | | | Sn | 38:49.90 | -0.63 |
| KOGS | 152.1 | 178 | Sn | 14:38:53.89 | 0.51 |

675.

2021-05-05 time: 19:32:55.46 UTC ML= 1.7
 lat: 47.082N lon: 17.579E h= 12.0 km
 erh= 1.5km erz= 1.3km
 nr= 20 gap=117 rms=0.44
 Locality: Ajka
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 10.3 | 343 | PgU | 19:32:57.74 | -0.54 |
| | | | Sg | 32:59.46 | -1.02 |
| TIH | 31.3 | 130 | Pg | 19:33:01.68 | 0.25 |
| PKST | 39.7 | 60 | Pg | 19:33:02.99 | 0.12 |
| | | | Sg | 33:08.54 | -0.11 |
| EGYH | 41.7 | 333 | Pg | 19:33:03.54 | 0.33 |
| | | | Sg | 33:09.41 | 0.15 |
| CSKK | 60.4 | 59 | Pg | 19:33:06.82 | 0.38 |
| | | | Sg | 33:15.13 | 0.11 |
| PKSG | 70.5 | 61 | Pg | 19:33:08.13 | -0.09 |
| | | | Sg | 33:17.64 | -0.54 |
| PKS9 | 76.6 | 136 | Pg | 19:33:09.45 | 0.14 |
| PKB1 | 98.1 | 110 | P* | 19:33:13.73 | 0.73 |
| | | | S* | 33:26.20 | -0.49 |
| PKB4 | 101.8 | 130 | P* | 19:33:13.80 | 0.24 |
| | | | S* | 33:26.90 | -0.78 |
| PKB5 | 103.5 | 122 | S* | 19:33:27.45 | -0.70 |
| KOVH | 117.4 | 160 | Sn | 19:33:30.62 | -0.69 |
| PKS7 | 120.2 | 92 | Sn | 19:33:32.63 | 0.70 |
| ARSA | 157.0 | 277 | Sn | 19:33:39.91 | -0.19 |

676.

2021-05-06 time: 6:10:49.77 UTC ML= 1.0
 lat: 47.301N lon: 18.301E h= 0.0 km
 erh= 2.9km erz= 532km
 nr= 7 gap=222 rms=0.35
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 7.5 | 336 | Pg | 6:10:51.31 | 0.20 |
| | | | Sg | 10:52.06 | -0.10 |
| PKSG | 12.1 | 34 | Pg | 6:10:51.59 | -0.34 |
| | | | Sg | 10:53.65 | 0.04 |
| PKST | 20.7 | 257 | Pg | 6:10:53.78 | 0.31 |
| | | | Sg | 10:56.61 | 0.25 |
| MPLH | 59.5 | 256 | Sg | 6:11:07.49 | -1.19 |

Földrengés paraméterek

Hypocenter Parameters

677.

2021-05-06 time: 7:35:01.67 UTC ML= 0.8
 lat: 47.200N lon: 18.218E h= 0.0 km
 erh= 0.4km erz= 125km
 nr= 8 gap=132 rms=0.09
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 15.4 | 295 | Pg | 7:35:04.46 | 0.05 |
| | | | Sg | 35:06.45 | -0.10 |
| CSKK | 18.4 | 10 | Pg | 7:35:05.07 | 0.12 |
| | | | Sg | 35:07.55 | 0.04 |
| PKSG | 25.0 | 32 | Pg | 7:35:05.97 | -0.16 |
| | | | Sg | 35:09.62 | 0.01 |
| MORH | 114.2 | 163 | Pg | 7:35:22.10 | 0.04 |
| PKSM | 114.6 | 164 | Pg | 7:35:22.10 | -0.02 |

678.

2021-05-06 time: 7:43:28.69 UTC ML= 1.0
 lat: 47.228N lon: 18.183E h= 0.0 km
 erh= 2.3km erz= 835km
 nr= 11 gap=124 rms=0.67
 Locality: Bakonykúti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|---------|
| PKST | 11.8 | 287 | PgU | 7:43:30.91 | 0.12 |
| | | | Sg | 43:32.94 | 0.51 |
| CSKK | 16.1 | 21 | Pg | 7:43:31.51 | -0.05 |
| | | | Sg | 43:33.68 | -0.13 |
| PKSG | 24.0 | 41 | Pg | 7:43:32.82 | -0.16 |
| | | | Sg | 43:36.30 | -0.03 |
| PKB1 | 67.7 | 137 | Pg | 7:43:41.57 | 0.79 |
| | | | Sg | 43:51.93 | 1.72 |
| MORH | 118.0 | 163 | Sg | 7:44:04.84 | -1.35 |
| PKSM | 118.3 | 163 | Pg | 7:43:49.44 | -0.38 |
| | | | Sg | 44:04.72 | -1.58 |
| KOLS | 358.9 | 58 | e n | 7:43:57.80 | -22.68* |

679.

2021-05-06 time: 9:00:19.32 UTC ML= 0.8
 lat: 47.191N lon: 18.299E h= 0.0 km
 erh= 1.7km erz= 497km
 nr= 8 gap=149 rms=0.35
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 19.4 | 351 | Pg | 9:00:22.85 | 0.06 |
| | | | Sg | 00:24.71 | -0.78 |
| PKST | 21.4 | 291 | Pg | 9:00:23.36 | 0.21 |
| | | | Sg | 00:26.04 | -0.10 |
| PKSG | 23.4 | 17 | Pg | 9:00:23.91 | 0.41 |
| | | | Sg | 00:26.59 | -0.18 |
| MORH | 111.5 | 166 | Sg | 9:00:54.84 | 0.06 |
| KOVH | 123.5 | 187 | Sg | 9:00:57.85 | -0.72 |

680.

2021-05-06 time: 9:05:20.93 UTC ML= 1.4
 lat: 48.589N lon: 20.740E h= 0.0 km
 erh= 2.3km erz= 792km
 nr= 9 gap=104 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 22.2 | 238 | Pg | 9:05:25.26 | 0.38 |
| | | | Sg | 05:27.77 | -0.20 |
| ABAH | 49.3 | 131 | Pg | 9:05:30.28 | 0.55 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 05:36.10 | -0.50 |
| NIE | 97.4 | 341 | Pg | 9:05:38.71 | 0.39 |
| | | | Sg | 05:50.97 | -0.91 |
| PSZ | 97.5 | 220 | Pg | 9:05:38.66 | 0.32 |
| | | | Sg | 05:50.56 | -1.36 |
| KOLS | 119.1 | 71 | Sg | 9:05:57.94 | -0.83 |

681.

2021-05-06 time: 10:42:47.28 UTC ML= 1.8
 lat: 47.387N lon: 18.416E h= 0.0 km
 erh= 1.3km erz= 3.1km
 nr= 19 gap= 87 rms=0.65
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 2.0 | 287 | PgU | 10:42:47.90 | 0.26 |
| | | | Sg | 42:48.43 | 0.52 |
| CSKK | 12.0 | 258 | Pg | 10:42:49.58 | 0.15 |
| | | | Sg | 42:50.89 | -0.21 |
| PKST | 32.1 | 244 | Pg | 10:42:52.77 | -0.25 |
| | | | Sg | 42:57.59 | 0.10 |
| PKS7 | 67.9 | 124 | Sg | 10:43:10.17 | 1.31 |
| MPLH | 70.5 | 250 | Sg | 10:43:09.92 | 0.22 |
| EGYH | 81.9 | 272 | Pg | 10:43:02.39 | 0.48 |
| | | | Sg | 43:12.38 | -0.93 |
| PKB5 | 91.3 | 165 | Sg | 10:43:16.70 | 0.40 |
| PKB3 | 122.4 | 151 | Sg | 10:43:25.24 | -0.94 |
| PSZ | 125.9 | 62 | Pg | 10:43:09.62 | -0.14 |
| | | | Sg | 43:26.89 | -0.40 |
| VYHS | 127.1 | 14 | Pg | 10:43:10.58 | 0.60 |
| | | | Sg | 43:26.94 | -0.74 |
| MORH | 131.3 | 172 | Sn | 10:43:25.84 | -3.11 |
| PKSM | 131.7 | 172 | Sn | 10:43:25.74 | -3.30 |
| KOVH | 146.3 | 189 | Sn | 10:43:31.41 | -0.87 |

682.

2021-05-06 time: 11:01:55.05 UTC ML= 1.2
 lat: 48.464N lon: 19.550E h= 0.0 km
 erh= 2.3km erz= 502km
 nr= 6 gap=175 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 52.9 | 274 | Pg | 11:02:04.74 | 0.25 |
| | | | Sg | 02:11.46 | -0.39 |
| PSZ | 65.9 | 157 | Pg | 11:02:06.95 | 0.13 |
| | | | Sg | 02:15.79 | -0.20 |
| KECS | 69.2 | 88 | Pg | 11:02:07.56 | 0.15 |
| | | | Sg | 02:16.34 | -0.72 |

683.

2021-05-07 time: 9:56:59.45 UTC ML= 1.0
 lat: 46.143N lon: 18.279E h= 0.0 km
 erh= 1.9km erz= 437km
 nr= 7 gap=176 rms=0.29
 Locality: Vasas
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 28.4 | 184 | Pg | 9:57:04.75 | 0.23 |
| | | | Sg | 57:07.94 | -0.54 |
| PKSM | 29.0 | 75 | Pg | 9:57:04.83 | 0.20 |
| | | | Sg | 57:08.40 | -0.27 |
| MORH | 29.3 | 74 | Pg | 9:57:04.93 | 0.24 |
| | | | Sg | 57:08.59 | -0.19 |
| PKS9 | 49.3 | 360 | Sg | 9:57:14.70 | -0.43 |

Hypocenter Parameters

Földrengés paraméterek

684.

2021-05-08 time: 10:03:31.98 UTC ML= 2.0
 lat: 46.055N lon: 17.014E h= 10.7 km
 erh= 2.7km erz= 1.8km
 nr= 17 gap=157 rms=0.55
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 73.3 | 307 | Sg | 10:03:55.84 | 0.30 |
| PTJ | 83.6 | 258 | Sg | 10:03:58.35 | -0.43 |
| KOVH | 84.1 | 87 | Sg | 10:03:58.36 | -0.56 |
| PKSV | 97.7 | 101 | Pg | 10:03:50.20 | 0.67 |
| | | | Sg | 04:02.46 | -0.77 |
| PKS9 | 113.9 | 59 | Pn | 10:03:51.31 | -0.54 |
| | | | Sn | 04:06.77 | -0.58 |
| GROS | 125.0 | 291 | Pn | 10:03:53.58 | 0.35 |
| PKSM | 126.9 | 82 | Pn | 10:03:53.32 | -0.15 |
| | | | Sn | 04:09.69 | -0.55 |
| MORH | 127.2 | 82 | Sn | 10:04:09.93 | -0.37 |
| MPLH | 130.3 | 18 | Sn | 10:04:10.75 | -0.24 |
| PKB4 | 132.0 | 68 | Pn | 10:03:55.08 | 0.98 |
| | | | Sn | 04:11.34 | -0.02 |
| PKB5 | 145.5 | 66 | Sn | 10:04:14.71 | 0.35 |
| PKST | 154.9 | 30 | Sn | 10:04:16.37 | -0.08 |
| PKB1 | 158.9 | 59 | Sn | 10:04:18.52 | 1.19 |

685.

2021-05-08 time: 18:34:20.80 UTC ML= 0.4
 lat: 47.731N lon: 16.176E h= 12.6 km
 erh= 2.4km erz= 4.3km
 nr= 9 gap=112 rms=0.49
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 9.7 | 111 | PgU | 18:34:24.10 | 0.46 |
| | | | Sg | 34:25.80 | -0.05 |
| SOP | 29.2 | 100 | Pg | 18:34:26.56 | 0.08 |
| | | | Sg | 34:30.47 | -0.43 |
| CONA | 32.2 | 313 | Pg | 18:34:27.26 | 0.28 |
| | | | Sg | 34:32.28 | 0.49 |
| WINA | 42.6 | 350 | Pg | 18:34:28.76 | 0.03 |
| | | | Sg | 34:33.79 | -1.13 |
| ARSA | 72.6 | 223 | Sg | 18:34:43.17 | -1.05 |

686.

2021-05-10 time: 7:30:57.41 UTC ML= 1.0
 lat: 47.051N lon: 18.017E h= 0.0 km
 erh= 1.8km erz= 652km
 nr= 9 gap=114 rms=0.50
 Locality: Balatonfüzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 23.2 | 3 | Pg | 7:31:01.55 | -0.01 |
| | | | Sg | 31:04.97 | 0.18 |
| MPLH | 38.6 | 290 | Sg | 7:31:10.03 | 0.35 |
| CSKK | 39.3 | 28 | Sg | 7:31:09.79 | -0.13 |
| PKSG | 47.3 | 37 | Sg | 7:31:12.50 | 0.04 |
| PKB5 | 74.7 | 133 | Sg | 7:31:23.08 | 1.93 |
| MORH | 104.5 | 153 | Sg | 7:31:29.72 | -0.91 |
| PKSM | 104.8 | 153 | Sg | 7:31:30.56 | -0.16 |
| KOVH | 107.2 | 177 | Sg | 7:31:31.32 | -0.16 |

687.

2021-05-10 time: 8:12:41.44 UTC ML= 0.9
 lat: 45.854N lon: 18.439E h= 0.0 km
 erh= 1.1km erz= 159km
 nr= 8 gap=263 rms=0.12
 Locality: Villány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 15.0 | 285 | Pg | 8:12:44.10 | -0.02 |
| | | | Sg | 12:46.32 | 0.11 |
| KOVH | 37.0 | 315 | Pg | 8:12:47.82 | -0.23 |
| | | | Sg | 12:53.19 | -0.01 |
| PKSM | 42.7 | 22 | Pg | 8:12:49.18 | 0.10 |
| | | | Sg | 12:54.91 | -0.12 |
| MORH | 43.2 | 22 | Pg | 8:12:49.27 | 0.11 |
| | | | Sg | 12:55.21 | 0.02 |

688.

2021-05-10 time: 8:58:29.87 UTC ML= 1.5
 lat: 46.105N lon: 21.800E h= 0.0 km
 erh= 4.7km erz= ***km
 nr= 5 gap=152 rms=0.47
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 21.1 | 329 | PgU | 8:58:33.93 | 0.30 |
| | | | Sg | 58:36.01 | -0.55 |
| BZS | 56.1 | 195 | Pg | 8:58:40.25 | 0.36 |
| | | | Sg | 58:46.74 | -0.97 |
| DRGR | 103.5 | 43 | Sg | 8:59:02.81 | 0.03 |

689.

2021-05-10 time: 9:00:27.07 UTC ML= 1.4
 lat: 45.563N lon: 17.285E h= 9.2 km
 erh= 2.0km erz= 0.7km
 nr= 7 gap=256 rms=0.13
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 83.5 | 64 | Pg | 9:00:42.25 | 0.16 |
| | | | Sg | 00:53.69 | -0.10 |
| KOVH | 86.1 | 47 | Pg | 9:00:42.37 | -0.17 |
| | | | Sg | 00:54.72 | 0.11 |
| KOGS | 126.9 | 321 | Sn | 9:01:05.61 | -0.04 |
| PKSM | 127.6 | 56 | Sn | 9:01:05.77 | -0.05 |
| MORH | 128.1 | 55 | Sn | 9:01:06.01 | 0.10 |

690.

2021-05-10 time: 9:35:43.66 UTC ML= 1.0
 lat: 48.410N lon: 20.730E h= 0.0 km
 erh= 3.0km erz= 606km
 nr= 5 gap=174 rms=0.27
 Locality: Szendrő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 19.9 | 294 | Pg | 9:35:47.43 | 0.23 |
| | | | Sg | 35:49.48 | -0.49 |
| ABAH | 39.8 | 109 | Pg | 9:35:50.92 | 0.16 |
| | | | Sg | 35:55.92 | -0.39 |
| PSZ | 82.8 | 229 | Sg | 9:36:10.01 | 0.04 |

Földrengés paraméterek

Hypocenter Parameters

691.

 2021-05-10 time: 9:44:16.42 UTC ML= 1.8
 lat: 48.581N lon: 17.517E h= 0.0 km
 erh= 3.5km erz= 3.6km
 nr= 13 gap= 95 rms=0.95
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 9.9 | 221 | Pg | 9:44:18.27 | 0.08 |
| | | | Sg | 44:19.98 | 0.42 |
| MODS | 29.0 | 218 | Pg | 9:44:21.92 | 0.31 |
| | | | Sg | 44:26.10 | 0.45 |
| A337 | 42.5 | 152 | Sg | 9:44:27.87 | -2.05 |
| VYHS | 97.9 | 96 | ePg | 9:44:36.30 | 2.40 |
| | | | eSg | 44:48.20 | 0.67 |
| KRUC | 98.3 | 303 | Pg | 9:44:33.62 | -0.35 |
| MORC | 133.1 | 1 | Sn | 9:44:56.06 | -2.41 |
| RONA | 133.6 | 223 | Pn | 9:44:40.36 | 0.25 |
| | | | Sn | 44:57.77 | -0.82 |
| CONA | 142.7 | 239 | Pn | 9:44:41.07 | -0.18 |
| | | | Sn | 45:00.45 | -0.17 |

692.

 2021-05-10 time: 9:56:40.25 UTC ML= 0.9
 lat: 47.185N lon: 18.315E h= 0.0 km
 erh= 2.4km erz= 4.5km
 nr= 8 gap=152 rms=0.55
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 20.2 | 348 | Pg | 9:56:43.78 | -0.08 |
| | | | Sg | 56:45.98 | -0.70 |
| PKST | 22.8 | 291 | Pg | 9:56:44.76 | 0.44 |
| | | | Sg | 56:47.20 | -0.29 |
| PKSG | 23.7 | 14 | Pg | 9:56:45.16 | 0.68 |
| | | | Sg | 56:48.04 | 0.26 |
| PKSM | 111.0 | 167 | Sg | 9:57:14.86 | -0.69 |
| VYHS | 150.7 | 15 | Sn | 9:57:25.04 | -1.17 |

693.

 2021-05-10 time: 10:00:21.48 UTC ML= 1.5
 lat: 48.106N lon: 16.924E h= 0.0 km
 erh= 3.3km erz= 3.6km
 nr= 7 gap=185 rms=0.41
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 39.6 | 41 | Pg | 10:00:28.92 | 0.36 |
| | | | Sg | 00:33.41 | -0.67 |
| WINA | 63.4 | 270 | Sg | 10:00:42.05 | 0.42 |
| RONA | 65.2 | 226 | Pg | 10:00:33.39 | 0.27 |
| | | | Sg | 00:41.83 | -0.37 |
| CONA | 81.7 | 256 | Sg | 10:00:47.02 | -0.43 |
| ARSA | 141.9 | 228 | Sn | 10:01:05.10 | -0.38 |

694.

 2021-05-10 time: 11:20:34.67 UTC ML= 1.5
 lat: 48.341N lon: 19.857E h= 0.0 km
 erh= 3.1km erz= 910km
 nr= 7 gap=149 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 47.1 | 177 | Pg | 11:20:43.58 | 0.50 |
| | | | Sg | 20:49.20 | -0.44 |
| KECS | 49.2 | 71 | Pg | 11:20:43.68 | 0.23 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 20:50.10 | -0.20 |
| VYHS | 77.4 | 283 | Pg | 11:20:49.02 | 0.52 |
| | | | Sg | 20:57.94 | -1.35 |
| ABAH | 102.7 | 93 | Sg | 11:21:06.39 | -0.92 |

695.

 2021-05-10 time: 13:51:51.29 UTC ML= 1.4
 lat: 47.565N lon: 16.339E h= 0.0 km
 erh= 2.1km erz= 3.0km
 nr= 12 gap=189 rms=0.47
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.3 | 348 | Pg | 13:51:54.19 | 0.16 |
| | | | Sg | 51:56.02 | -0.14 |
| SOP | 21.1 | 51 | Pg | 13:51:55.02 | -0.04 |
| CONA | 54.0 | 318 | Sg | 51:57.94 | -0.05 |
| | | | Pg | 13:52:01.15 | 0.22 |
| WINA | 63.5 | 342 | Sg | 52:08.08 | -0.37 |
| | | | Pg | 13:52:03.08 | 0.45 |
| ARSA | 70.8 | 240 | Sg | 52:11.35 | -0.13 |
| | | | Sg | 13:52:13.20 | -0.61 |
| MODS | 114.0 | 38 | Sg | 13:52:26.88 | -0.64 |
| MOA | 158.8 | 281 | Pn | 13:52:19.60 | 1.48 |
| | | | Sn | 52:38.48 | -0.57 |

696.

 2021-05-10 time: 14:00:22.10 UTC ML= 1.2
 lat: 47.573N lon: 16.342E h= 0.0 km
 erh= 1.7km erz= 3.0km
 nr= 9 gap=187 rms=0.44
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.5 | 346 | PgU | 14:00:24.97 | 0.28 |
| | | | Sg | 00:27.09 | 0.39 |
| SOP | 20.4 | 53 | Pg | 14:00:25.89 | 0.15 |
| | | | Sg | 00:28.70 | 0.12 |
| CONA | 53.4 | 318 | Pg | 14:00:32.01 | 0.36 |
| | | | Sg | 00:38.09 | -1.00 |
| ARSA | 71.4 | 240 | Pg | 14:00:34.75 | -0.11 |
| KRUC | 165.6 | 1 | Pn | 14:00:49.25 | -0.53 |
| | | | Sn | 01:09.83 | -1.54 |

697.

 2021-05-10 time: 15:23:43.74 UTC ML= 1.1
 lat: 47.753N lon: 16.138E h= 12.6 km
 erh= 2.4km erz= 2.0km
 nr= 13 gap=103 rms=0.69
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.3 | 117 | PgD | 15:23:47.31 | 0.30 |
| | | | Sg | 23:49.07 | -0.49 |
| CONA | 28.4 | 313 | Pg | 15:23:49.92 | 0.63 |
| | | | Sg | 23:53.30 | -0.33 |
| SOP | 32.5 | 104 | Sg | 15:23:54.46 | -0.35 |
| WINA | 39.7 | 353 | Pg | 15:23:51.72 | 0.54 |
| | | | Sg | 23:56.73 | -0.25 |
| ARSA | 72.6 | 220 | Pg | 15:23:57.05 | 0.15 |
| | | | Sg | 24:05.28 | -1.88 |
| ABNA | 114.7 | 333 | Pn | 15:24:03.54 | 0.08 |
| | | | Sn | 24:16.71 | -2.13 |
| KRUC | 146.8 | 7 | Pn | 15:24:08.25 | 0.79 |
| | | | Sn | 24:25.22 | -0.74 |

Hypocenter Parameters

Földrengés paraméterek

698.

2021-05-11 time: 0:39:50.56 UTC ML= 1.3
 lat: 45.667N lon: 21.384E h= 15.9 km
 erh= 3.0km erz= 2.5km
 nr= 7 gap=166 rms=0.46
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| BZS | 19.0 | 107 | Pg | 0:39:55.28 | | | 0.30 |
| | | | Sg | | 39:58.39 | | -0.04 |
| BANR | 37.1 | 212 | Pg | 0:39:57.38 | | | -0.39 |
| | | | Sg | | 40:03.37 | | -0.02 |
| SIRR | 70.1 | 18 | Pg | 0:40:03.91 | | | 0.52 |
| | | | Sg | | 40:12.05 | | -1.36 |
| GZR | 112.9 | 106 | Sn | 0:40:24.51 | | | 0.00 |

699.

2021-05-11 time: 7:53:52.18 UTC ML= 1.6
 lat: 47.882N lon: 20.149E h= 0.0 km
 erh= 2.9km erz= 3.3km
 nr= 8 gap=187 rms=0.38
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PSZ | 19.4 | 282 | Pg | 7:53:55.79 | | | 0.14 |
| | | | Sg | | 53:58.40 | | 0.04 |
| PENC | 65.7 | 261 | Sg | 7:54:12.84 | | | -0.23 |
| KECS | 71.4 | 21 | Sg | 7:54:14.77 | | | -0.10 |
| ABAH | 93.4 | 60 | Pg | 7:54:08.87 | | | 0.01 |
| VYHS | 119.0 | 305 | Pg | 7:54:13.79 | | | 0.36 |
| | | | Sg | | 54:27.35 | | -2.65 |
| PKSG | 142.9 | 248 | Sn | 7:54:36.04 | | | -0.39 |

700.

2021-05-11 time: 8:07:12.35 UTC ML= 1.8
 lat: 48.493N lon: 17.476E h= 0.0 km
 erh= 1.3km erz= 2.2km
 nr= 10 gap=141 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SMOL | 4.2 | 304 | PgU | 8:07:12.80 | | | -0.31 |
| | | | Sg | | 07:13.70 | | 0.00 |
| MODS | 19.8 | 228 | Pg | 8:07:16.46 | | | 0.57 |
| | | | Sg | | 07:18.71 | | 0.06 |
| VYHS | 100.5 | 90 | Sg | 8:07:44.06 | | | -0.24 |
| KRUC | 101.6 | 309 | Pg | 8:07:30.81 | | | 0.31 |
| | | | Sg | | 07:44.58 | | -0.07 |
| RONA | 124.5 | 225 | Sg | 8:07:51.57 | | | -0.36 |
| CONA | 135.4 | 242 | Pn | 8:07:36.26 | | | -0.01 |
| | | | Sn | | 07:54.04 | | -0.89 |

701.

2021-05-11 time: 8:25:57.03 UTC ML= 2.0
 lat: 47.332N lon: 18.423E h= 0.0 km
 erh= 1.2km erz= 4.1km
 nr= 9 gap=113 rms=0.42
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.1 | 340 | PgU | 8:25:58.82 | | | 0.52 |
| | | | Sg | | 25:59.33 | | 0.04 |
| CSKK | 12.8 | 286 | Pg | 8:25:59.50 | | | 0.19 |
| | | | Sg | | 26:00.66 | | -0.43 |
| PKST | 30.5 | 255 | Sg | 8:26:06.41 | | | -0.31 |
| MORH | 125.2 | 172 | Sg | 8:26:36.83 | | | 0.01 |

PKSM 125.6 172 Sg 8:26:37.03 0.08
 PSZ 128.4 59 Sg 8:26:37.43 -0.42
 VYHS 132.9 13 Sn 8:26:37.33 -1.71

702.

2021-05-11 time: 8:42:28.89 UTC ML= 1.2
 lat: 46.195N lon: 18.284E h= 0.0 km
 erh= 2.0km erz= 429km
 nr= 9 gap=166 rms=0.32
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| KOVH | 18.5 | 230 | Pg | 8:42:32.45 | | | 0.25 |
| | | | Sg | | 42:34.86 | | 0.08 |
| PKSM | 27.7 | 86 | Pg | 8:42:34.06 | | | 0.23 |
| | | | Sg | | 42:37.77 | | 0.09 |
| MORH | 27.9 | 85 | Pg | 8:42:34.11 | | | 0.24 |
| | | | Sg | | 42:37.67 | | -0.09 |
| PKSV | 34.2 | 184 | Pg | 8:42:34.81 | | | -0.19 |
| | | | Sg | | 42:38.98 | | -0.78 |
| PKB4 | 41.6 | 36 | Sg | 8:42:41.34 | | | -0.76 |

703.

2021-05-11 time: 8:55:32.19 UTC ML= 1.4
 lat: 46.127N lon: 18.054E h= 0.0 km
 erh= 2.4km erz= 420km
 nr= 10 gap=255 rms=0.33
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| KOVH | 5.6 | 141 | Pg | 8:55:33.23 | | | 0.03 |
| | | | Sg | | 55:34.79 | | 0.81 |
| PKSV | 30.7 | 150 | Pg | 8:55:37.75 | | | 0.08 |
| | | | Sg | | 55:41.32 | | -0.63 |
| PKSM | 46.3 | 78 | Pg | 8:55:40.36 | | | -0.11 |
| | | | Sg | | 55:46.64 | | -0.28 |
| MORH | 46.6 | 78 | Pg | 8:55:40.71 | | | 0.19 |
| | | | Sg | | 55:46.64 | | -0.38 |
| PKB5 | 73.9 | 45 | Pg | 8:55:45.23 | | | -0.15 |
| | | | Sg | | 55:56.38 | | 0.71 |

704.

2021-05-11 time: 9:03:39.89 UTC ML= 1.6
 lat: 48.447N lon: 17.171E h= 0.0 km
 erh= 2.7km erz= 363km
 nr= 5 gap=238 rms=0.18
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| MODS | 11.3 | 136 | PgU | 9:03:41.85 | | | -0.06 |
| | | | Sg | | 03:43.21 | | -0.28 |
| SMOL | 20.4 | 69 | Pg | 9:03:43.47 | | | -0.07 |
| | | | Sg | | 03:46.64 | | 0.26 |
| ZST | 28.4 | 190 | Sg | 9:03:49.20 | | | 0.30 |

705.

2021-05-11 time: 9:39:02.17 UTC ML= 1.5
 lat: 48.579N lon: 20.799E h= 0.0 km
 erh= 2.2km erz= 3.4km
 nr= 11 gap= 91 rms=0.66
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| KECS | 25.5 | 245 | Pg | 9:39:06.69 | | | -0.03 |
| | | | Sg | | 39:10.20 | | -0.07 |
| ABAH | 45.3 | 134 | Pg | 9:39:10.00 | | | -0.26 |

Földrengés paraméterek

| | | | | |
|------|-----------|----|------------|-------|
| | | Sg | 39:16.87 | 0.30 |
| PSZ | 99.6 222 | Pg | 9:39:20.65 | 0.70 |
| | | Sg | 39:33.60 | -0.22 |
| NIE | 99.9 339 | Pg | 9:39:21.05 | 1.03 |
| | | Sg | 39:32.38 | -1.56 |
| KOLS | 115.3 70 | Sg | 9:39:37.91 | -0.92 |
| VYHS | 145.3 266 | Sn | 9:39:46.09 | -0.85 |
| OJC | 196.4 338 | Sn | 9:39:58.34 | 0.06 |

706.

2021-05-11 time: 9:46:02.25 UTC ML= 0.9
 lat: 47.199N lon: 18.299E h= 0.0 km
 erh= 1.5km erz= 199km
 nr= 6 gap=271 rms=0.12
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|------------|-------|
| CSKK | 18.5 351 | | Pg | 9:46:05.47 | -0.09 |
| | | | Sg | 46:08.08 | -0.07 |
| PKST | 21.2 289 | | Pg | 9:46:05.97 | -0.06 |
| | | | Sg | 46:09.13 | 0.15 |
| PKSG | 22.6 18 | | Pg | 9:46:06.47 | 0.19 |
| | | | Sg | 46:09.33 | -0.10 |

707.

2021-05-11 time: 10:12:37.81 UTC ML= 1.3
 lat: 47.570N lon: 18.408E h= 0.0 km
 erh= 4.3km erz= 613km
 nr= 8 gap=166 rms=0.45
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|-------------|-------|
| PKSG | 19.9 184 | | Pg | 10:12:41.21 | -0.15 |
| | | | Sg | 12:44.57 | 0.44 |
| CSKK | 25.5 206 | | Pg | 10:12:42.26 | -0.12 |
| | | | Sg | 12:46.58 | 0.65 |
| PKST | 44.6 219 | | Pg | 10:12:45.58 | -0.20 |
| | | | Sg | 12:51.60 | -0.40 |
| VYHS | 107.6 17 | | Pg | 10:12:57.48 | 0.46 |
| | | | Sg | 13:10.33 | -1.68 |

708.

2021-05-11 time: 12:59:32.65 UTC ML= 1.7
 lat: 46.914N lon: 22.813E h= 0.0 km
 erh= 6.0km erz= 3.1km
 nr= 8 gap=310 rms=0.55
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-----------|-----|-------|-------------|-------|
| DRGR | 15.7 210 | | Pg | 12:59:35.74 | 0.29 |
| | | | Sg | 59:38.05 | 0.42 |
| SIRR | 113.9 231 | | Pg | 12:59:53.33 | 0.33 |
| | | | Sg | 13:00:07.05 | -1.82 |
| GZR | 169.0 181 | | Pn | 12:60:01.07 | 0.31 |
| | | | Sn | 60:22.36 | -0.33 |
| BZS | 171.2 213 | | Pn | 12:60:00.36 | -0.67 |
| | | | Sn | 60:22.84 | -0.33 |

709.

2021-05-11 time: 16:42:41.79 UTC ML= 0.9
 lat: 47.581N lon: 16.345E h= 0.0 km
 erh= 2.1km erz= 277km
 nr= 6 gap=262 rms=0.16
 Locality: Austria
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|-------------|-------|
| RONA | 13.7 345 | | PgU | 16:42:44.34 | 0.10 |
| | | | Sg | 42:46.09 | -0.05 |
| SOP | 19.7 55 | | Pg | 16:42:45.13 | -0.18 |
| | | | Sg | 42:48.27 | 0.22 |
| CONA | 52.9 317 | | Pg | 16:42:51.36 | 0.11 |
| | | | Sg | 42:58.34 | -0.28 |

710.

2021-05-12 time: 7:22:16.73 UTC ML= 1.5
 lat: 48.067N lon: 20.670E h= 0.0 km
 erh= 3.1km erz= 636km
 nr= 5 gap=195 rms=0.29
 Locality: Bükkszentlászló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|------------|-------|
| KECS | 48.3 344 | | Sg | 7:22:32.19 | 0.11 |
| ABAH | 49.4 59 | | Pg | 7:22:25.64 | 0.09 |
| | | | Sg | 22:32.08 | -0.36 |
| PSZ | 60.2 254 | | Pg | 7:22:27.75 | 0.27 |
| | | | Sg | 22:35.31 | -0.55 |

711.

2021-05-12 time: 14:12:18.06 UTC ML= 0.8
 lat: 47.840N lon: 16.028E h= 0.0 km
 erh= 0.2km erz=40.7km
 nr= 5 gap=180 rms=0.02
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|-------------|-------|
| CONA | 15.8 308 | | Pg | 14:12:20.88 | 0.00 |
| | | | Sg | 12:23.09 | 0.01 |
| RONA | 25.5 128 | | Pg | 14:12:22.59 | -0.03 |
| | | | Sg | 12:26.20 | 0.03 |
| ARSA | 75.8 210 | | Sg | 14:12:42.17 | 0.02 |

712.

2021-05-13 time: 8:05:13.13 UTC ML= 1.1
 lat: 48.473N lon: 20.797E h= 0.0 km
 erh= 3.3km erz= 524km
 nr= 5 gap=208 rms=0.24
 Locality: Martonyi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|------------|-------|
| KECS | 23.0 273 | | Pg | 8:05:16.99 | -0.26 |
| | | | Sg | 05:20.63 | 0.17 |
| ABAH | 38.3 121 | | Pg | 8:05:20.23 | 0.26 |
| | | | Sg | 05:25.00 | -0.30 |
| PSZ | 91.2 227 | | Sg | 8:05:42.22 | 0.11 |

713.

2021-05-13 time: 9:03:23.57 UTC ML= 1.6
 lat: 48.249N lon: 19.855E h= 0.0 km
 erh= 2.6km erz= 4.6km
 nr= 11 gap= 88 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|----------|-----|-------|------------|-------|
| PSZ | 36.8 175 | | Pg | 9:03:30.12 | -0.03 |
| | | | Sg | 03:35.00 | -0.28 |
| KECS | 53.5 61 | | Pg | 9:03:33.54 | 0.41 |
| | | | Sg | 03:39.41 | -1.18 |
| VYHS | 80.3 290 | | Pg | 9:03:38.51 | 0.60 |
| | | | Sg | 03:47.05 | -2.04 |
| ABAH | 102.9 87 | | Pg | 9:03:41.85 | -0.10 |
| | | | Sg | 03:56.43 | 0.15 |

Hypocenter Parameters

A338 114.8 257 Sg 9:03:59.83 -0.24
 NIE 134.4 14 Pn 9:03:48.28 0.91
 Sn 04:04.85 -1.08

714.

2021-05-13 time: 12:35:48.08 UTC ML= 1.3
 lat: 48.717N lon: 19.839E h= 0.0 km
 erh= 4.8km erz= 8.4km
 nr= 7 gap=132 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 54.3 | 119 | Pg | 12:35:58.56 | 0.78 |
| | | | Sg | 36:04.68 | -0.66 |
| VYHS | 78.0 | 251 | Sg | 12:36:12.69 | -0.19 |
| NIE | 85.4 | 24 | Sg | 12:36:13.92 | -1.29 |
| PSZ | 88.9 | 177 | Pg | 12:36:04.98 | 1.02 |
| | | | Sg | 36:14.90 | -1.44 |
| A338 | 135.0 | 235 | Sn | 12:36:30.37 | -0.19 |

715.

2021-05-13 time: 12:36:48.70 UTC ML= 1.0
 lat: 48.715N lon: 19.853E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 5 gap=131 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 53.3 | 119 | Pg | 12:36:59.01 | 0.79 |
| | | | Sg | 37:05.13 | -0.52 |
| VYHS | 78.9 | 252 | Sg | 12:37:13.82 | 0.04 |
| NIE | 85.2 | 23 | Sg | 12:37:15.13 | -0.67 |
| PSZ | 88.6 | 178 | Sg | 12:37:16.48 | -0.38 |

716.

2021-05-13 time: 21:06:52.66 UTC ML= 0.3
 lat: 47.388N lon: 18.166E h= 4.2 km
 erh= 7.0km erz= 8.8km
 nr= 6 gap=234 rms=0.14
 Locality: Nagyveleg
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 7.6 | 111 | Pg | 21:06:54.45 | 0.23 |
| | | | Sg | 06:55.28 | -0.15 |
| PKSG | 17.0 | 88 | Pg | 21:06:55.79 | 0.01 |
| | | | Sg | 06:58.00 | -0.21 |
| PKST | 17.4 | 215 | Pg | 21:06:55.79 | -0.07 |
| | | | Sg | 06:58.40 | 0.04 |

717.

2021-05-14 time: 9:42:36.90 UTC ML= 1.5
 lat: 48.597N lon: 20.295E h= 0.0 km
 erh= 8.1km erz= ***km
 nr= 6 gap=212 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 19.0 | 132 | Pg | 9:42:40.81 | 0.52 |
| | | | Sg | 42:42.62 | -0.31 |
| ABAH | 77.5 | 116 | Sg | 9:43:00.59 | -0.94 |
| PSZ | 81.2 | 202 | Pg | 9:42:52.31 | 0.91 |
| | | | Sg | 43:02.00 | -0.71 |
| VYHS | 108.4 | 264 | Sg | 9:43:10.38 | -0.96 |

Földrengés paraméterek

718.

2021-05-14 time: 18:18:48.51 UTC ML= 1.8
 lat: 48.593N lon: 17.635E h= 6.5 km
 erh= 2.4km erz= 1.8km
 nr= 24 gap= 72 rms=0.83
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 17.6 | 240 | Pg | 18:18:52.35 | 0.48 |
| | | | Sg | 18:54.73 | 0.24 |
| MODS | 36.0 | 227 | Pg | 18:18:55.40 | 0.36 |
| | | | Sg | 18:59.84 | -0.30 |
| ZST | 59.2 | 222 | Pg | 18:18:58.83 | -0.32 |
| | | | Sg | 19:05.56 | -1.89 |
| VYHS | 89.3 | 97 | Pg | 18:19:04.78 | 0.28 |
| SRO | 100.3 | 150 | Pg | 18:19:05.00 | -1.46 |
| KRUC | 104.9 | 300 | Pg | 18:19:07.30 | 0.02 |
| | | | Sg | 19:20.78 | -1.14 |
| WINA | 127.8 | 245 | Pn | 18:19:11.02 | 0.38 |
| | | | Sn | 19:26.96 | -0.95 |
| MORC | 131.8 | 357 | Pn | 18:19:11.74 | 0.60 |
| | | | Sn | 19:27.96 | -0.84 |
| RONA | 140.7 | 225 | Pn | 18:19:13.34 | 1.08 |
| | | | Sn | 19:30.48 | -0.30 |
| LANS | 148.0 | 65 | ePn | 18:19:16.70 | 3.54 |
| | | | eSn | 19:30.90 | -1.50 |
| CONA | 151.0 | 241 | Pn | 18:19:14.25 | 0.71 |
| | | | Sn | 19:33.19 | 0.12 |
| ABNA | 162.6 | 273 | Pn | 18:19:15.52 | 0.54 |
| | | | Sn | 19:35.07 | -0.56 |
| ARSA | 217.3 | 227 | Pn | 18:19:22.96 | 1.16 |
| | | | Sn | 19:50.09 | 2.32 |

719.

2021-05-15 time: 8:29:26.16 UTC ML= 1.3
 lat: 46.206N lon: 18.264E h= 0.0 km
 erh= 1.8km erz= 440km
 nr= 10 gap=175 rms=0.34
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 18.2 | 224 | PgU | 8:29:29.57 | 0.16 |
| | | | Sg | 29:32.18 | 0.23 |
| PKSM | 29.1 | 89 | Pg | 8:29:31.58 | 0.22 |
| | | | Sg | 29:35.49 | 0.07 |
| MORH | 29.4 | 88 | Pg | 8:29:31.68 | 0.27 |
| | | | Sg | 29:35.51 | 0.01 |
| PKSV | 35.3 | 181 | Pg | 8:29:32.32 | -0.14 |
| | | | Sg | 29:36.56 | -0.82 |
| PKB4 | 41.6 | 39 | Sg | 8:29:39.15 | -0.22 |
| PKB5 | 56.4 | 40 | Sg | 8:29:42.66 | -1.44 |

720.

2021-05-15 time: 16:22:35.63 UTC ML= 2.8
 lat: 45.500N lon: 16.117E h= 6.1 km
 erh= 3.1km erz= 2.3km
 nr= 45 gap=142 rms=1.24
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 37.8 | 345 | Pg | 16:22:42.90 | 0.43 |
| | | | Sg | 22:48.55 | 0.74 |
| PTJ | 46.2 | 344 | PgD | 16:22:43.96 | 0.01 |
| | | | Sg | 22:50.20 | -0.23 |
| CRES | 62.9 | 305 | Pg | 16:22:46.87 | -0.05 |
| | | | Sg | 22:55.39 | -0.34 |
| KOGS | 105.9 | 6 | Pg | 16:22:54.03 | -0.55 |
| | | | Sg | 23:07.36 | -2.00 |
| GROS | 117.0 | 336 | Pn | 16:22:56.02 | -0.46 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|-------------|--------|
| BLY | 118.4 | 135 | Pn | 16:22:55.88 | -0.77 |
| | | | Pn | 23:10.27 | -2.78 |
| BEHE | 119.3 | 25 | Pn | 16:22:56.58 | -0.19 |
| | | | Pn | 23:11.68 | -1.58 |
| PERS | 148.1 | 329 | Pn | 16:23:00.59 | 0.23 |
| | | | Pn | 23:19.82 | 0.18 |
| SOKA | 155.5 | 327 | Pn | 16:23:01.30 | 0.02 |
| | | | Pn | 23:21.12 | -0.17 |
| OBKA | 165.3 | 313 | Pn | 16:23:03.23 | 0.72 |
| | | | Pn | 23:23.51 | 0.04 |
| KOVH | 167.5 | 67 | PnU | 16:23:01.44 | -1.34 |
| PKSV | 171.9 | 75 | Pn | 16:23:02.29 | -1.03 |
| | | | Pn | 23:24.50 | -0.42 |
| TRI | 185.0 | 277 | Pn | 16:23:06.34 | 1.38 |
| | | | Pn | 23:28.64 | 0.81 |
| ARSA | 199.9 | 347 | Pn | 16:23:06.69 | -0.13 |
| | | | Pn | 23:31.25 | 0.11 |
| PKS9 | 206.4 | 54 | Pn | 16:23:11.06 | 3.43 |
| PKSM | 211.4 | 68 | Pn | 16:23:10.62 | 2.36 |
| | | | Pn | 23:36.76 | 3.06 |
| MORH | 211.8 | 68 | Pn | 16:23:10.75 | 2.45 |
| | | | Pn | 23:37.06 | 3.28 |
| MPLH | 215.6 | 31 | Pn | 16:23:38.66 | 4.04 |
| MYKA | 229.0 | 303 | Pn | 16:23:15.18 | 4.73 |
| | | | Pn | 23:42.95 | 5.35* |
| PKB5 | 236.4 | 59 | Pn | 16:23:10.50 | -0.87 |
| | | | Pn | 23:44.95 | 5.70* |
| RONA | 244.9 | 3 | Pn | 16:23:12.60 | 0.17 |
| SOP | 245.1 | 8 | Pn | 16:23:12.76 | 0.31 |
| CONA | 270.7 | 356 | Pn | 16:23:15.87 | 0.23 |
| | | | Pn | 23:46.25 | -0.60 |
| WINA | 289.9 | 359 | Pn | 16:23:18.81 | 0.77 |
| | | | Pn | 23:51.00 | -0.11 |
| MOA | 297.1 | 332 | Pn | 16:23:19.88 | 0.94 |
| | | | Pn | 23:52.36 | -0.36* |
| SRO | 307.3 | 33 | ePn | 16:23:18.00 | -2.20* |
| ZST | 309.0 | 14 | ePn | 16:23:21.80 | 1.37* |
| ABTA | 311.2 | 296 | Pn | 16:23:55.26 | -0.58* |
| MODS | 331.5 | 15 | ePn | 16:23:24.20 | 0.98* |
| | | | ePn | 23:56.20 | -4.14* |
| LESA | 340.0 | 309 | Pn | 16:23:24.13 | -0.15* |
| | | | Pn | 24:01.81 | -0.42* |
| SMOL | 349.6 | 17 | ePn | 16:23:26.00 | 0.52* |
| ABNA | 356.3 | 352 | Pn | 16:23:26.83 | 0.51* |
| | | | Pn | 24:05.81 | -0.04* |
| VYHS | 391.9 | 32 | ePn | 16:23:31.20 | 0.44* |
| | | | ePn | 24:09.40 | -4.35* |

721.

2021-05-15 time: 18:19:50.69 UTC ML= 2.3
 lat: 45.626N lon: 16.048E h= 8.3 km
 erh= 2.2km erz= 1.6km
 nr= 32 gap=135 rms=0.74
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 22.9 | 349 | Pg | 18:19:55.04 | 0.00 |
| | | | Sg | 19:59.18 | 0.75 |
| PTJ | 31.2 | 347 | Pg | 18:19:56.01 | -0.44 |
| | | | Sg | 20:00.81 | -0.14 |
| CRES | 51.1 | 296 | Pg | 18:19:59.54 | -0.40 |
| | | | Sg | 20:06.93 | -0.22 |
| KOGS | 92.7 | 10 | Pg | 18:20:07.39 | 0.09 |
| | | | Sg | 20:20.29 | 0.03 |
| GROS | 101.9 | 335 | Pg | 18:20:09.08 | 0.13 |
| | | | Sg | 20:21.60 | -1.60 |
| BEHE | 109.4 | 31 | Pg | 18:20:10.25 | -0.03 |
| | | | Sg | 20:24.70 | -0.85 |
| BLY | 132.2 | 138 | Pn | 18:20:12.03 | -1.12 |
| | | | Pn | 20:28.06 | -2.62 |
| PERS | 133.3 | 327 | Pn | 18:20:13.69 | 0.40 |
| | | | Pn | 20:29.96 | -0.96 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| SOKA | 140.8 | 326 | Pn | 18:20:14.96 | 0.74 |
| | | | Pn | 20:31.22 | -1.35 |
| OBKA | 151.9 | 310 | Pn | 18:20:15.65 | 0.04 |
| | | | Pn | 20:34.11 | -0.94 |
| KOVH | 167.4 | 72 | Pn | 18:20:18.28 | 0.74 |
| PKSV | 173.9 | 80 | Pn | 18:20:18.76 | 0.40 |
| | | | Pn | 20:38.80 | -1.13 |
| TRI | 178.2 | 273 | Pn | 18:20:20.03 | 1.14 |
| | | | Pn | 20:42.54 | 1.65 |
| ARSA | 185.0 | 347 | Pn | 18:20:20.57 | 0.84 |
| | | | Pn | 20:43.93 | 1.54 |
| PKSM | 211.4 | 72 | Pn | 18:20:49.36 | 1.10 |
| MORH | 211.8 | 72 | Pn | 18:20:49.60 | 1.27 |
| RONA | 231.2 | 5 | Pn | 18:20:26.04 | 0.54 |
| KBA | 263.3 | 308 | Pn | 18:20:29.83 | 0.32 |
| | | | Pn | 20:58.42 | -1.36 |

722.

2021-05-16 time: 5:40:31.21 UTC ML= 1.5
 lat: 46.684N lon: 22.430E h= 4.3 km
 erh= 3.2km erz= 2.5km
 nr= 19 gap=164 rms=0.88
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 24.6 | 61 | Pg | 5:40:35.96 | 0.29 |
| | | | Sg | 40:38.84 | -0.31 |
| MARR | 52.7 | 91 | PgC | 5:40:40.79 | 0.14 |
| | | | Sg | 40:46.80 | -1.22 |
| MESR | 65.2 | 37 | PgC | 5:40:43.19 | 0.31 |
| | | | Sg | 40:51.10 | -0.88 |
| SIRR | 75.1 | 232 | Pg | 5:40:45.50 | 0.85 |
| | | | Sg | 40:54.41 | -0.72 |
| SURR | 106.0 | 193 | PgC | 5:40:50.27 | 0.11 |
| | | | Sg | 41:02.30 | -2.63 |
| BZS | 134.2 | 208 | Pn | 5:40:54.32 | -0.11 |
| | | | Pn | 41:10.52 | -2.02 |
| BMR | 136.5 | 36 | Pn | 5:41:12.72 | -0.32 |
| GZR | 145.9 | 169 | Pn | 5:40:56.77 | 0.88 |
| | | | Pn | 41:14.14 | -0.99 |
| HERR | 200.4 | 180 | PnC | 5:41:04.18 | 1.50 |
| | | | Pn | 41:27.90 | 0.68 |
| MDVR | 218.7 | 195 | Pn | 5:41:32.70 | 1.42 |
| VOIR | 245.5 | 124 | Pn | 5:41:39.34 | 2.10 |

723.

2021-05-17 time: 7:19:52.79 UTC ML= 1.9
 lat: 48.244N lon: 21.251E h= 0.0 km
 erh= 2.1km erz= 3.3km
 nr= 12 gap=153 rms=0.59
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 5.8 | 352 | Pg | 7:19:54.27 | 0.43 |
| | | | Sg | 19:55.13 | 0.48 |
| KECS | 62.6 | 295 | Pg | 7:20:04.11 | 0.13 |
| | | | Sg | 20:10.94 | -1.76 |
| TRPA | 96.6 | 98 | Pg | 7:20:09.36 | -0.69 |
| | | | Sg | 20:23.42 | -0.08 |
| PSZ | 107.4 | 250 | Pg | 7:20:12.57 | 0.61 |
| | | | Sg | 20:26.56 | -0.36 |
| KOLS | 107.5 | 45 | Pg | 7:20:12.52 | 0.53 |
| | | | Sg | 20:26.21 | -0.76 |
| LANS | 165.5 | 308 | eSn | 7:20:41.20 | -0.85 |
| VYHS | 181.1 | 279 | Pn | 7:20:45.61 | 0.11 |

Hypocenter Parameters

Földrengés paraméterek

724.

2021-05-17 time: 8:17:01.16 UTC ML= 1.5
 lat: 46.784N lon: 22.793E h= 0.0 km
 erh= 5.8km erz= 6.2km
 nr= 6 gap=262 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 6.3 | 278 | Pg | 8:17:02.10 | -0.19 |
| | | | Sg | 17:03.91 | 0.73 |
| SIRR | 104.2 | 237 | Sg | 8:17:33.13 | -1.15 |
| GZR | 154.5 | 180 | Pn | 8:17:27.75 | 0.28 |
| | | | Sn | 17:47.29 | -0.69 |
| BZS | 158.3 | 215 | Sn | 8:17:50.10 | 1.27 |

725.

2021-05-17 time: 9:49:11.22 UTC ML= 1.5
 lat: 48.619N lon: 20.763E h= 0.0 km
 erh= 2.0km erz= 2.5km
 nr= 6 gap=168 rms=0.28
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 25.4 | 234 | Pg | 9:49:15.95 | 0.19 |
| | | | Sg | 49:18.98 | -0.33 |
| ABAH | 50.3 | 136 | Sg | 9:49:26.87 | -0.35 |
| PSZ | 101.1 | 220 | Sg | 9:49:43.73 | 0.37 |
| KOLS | 116.4 | 73 | Sg | 9:49:48.41 | 0.20 |
| VYHS | 142.9 | 264 | Sn | 9:49:55.14 | -0.32 |

726.

2021-05-17 time: 9:51:11.38 UTC ML= 1.8
 lat: 48.401N lon: 19.137E h= 0.0 km
 erh= 2.4km erz= 3.4km
 nr= 15 gap= 71 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 24.5 | 295 | Pg | 9:51:16.23 | 0.48 |
| | | | Sg | 51:19.38 | 0.21 |
| PENC | 68.8 | 171 | Sg | 9:51:33.42 | 0.19 |
| A338 | 72.4 | 234 | Sg | 9:51:34.64 | 0.25 |
| PSZ | 77.9 | 134 | Pg | 9:51:25.36 | 0.08 |
| | | | Sg | 51:37.04 | 0.92 |
| SRO | 89.6 | 223 | Sg | 9:51:40.02 | 0.15 |
| KECS | 100.2 | 85 | Sg | 9:51:41.16 | -2.07 |
| PKSG | 125.3 | 206 | Pg | 9:51:34.44 | 0.68 |
| | | | Sg | 51:49.87 | -1.35 |
| MODS | 137.8 | 269 | Sn | 9:51:52.10 | -2.37 |
| PKST | 151.5 | 213 | Sn | 9:51:56.99 | -0.53 |
| MORC | 192.3 | 323 | Pn | 9:51:42.99 | 0.61 |
| | | | Sn | 52:05.33 | -1.24 |
| OJC | 207.9 | 13 | Sn | 9:52:12.91 | 2.88 |

727.

2021-05-18 time: 8:26:49.27 UTC ML= 1.6
 lat: 47.087N lon: 17.989E h= 0.0 km
 erh= 2.0km erz= 2.8km
 nr= 20 gap= 87 rms=0.87
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.4 | 10 | Pg | 8:26:52.64 | -0.09 |
| | | | Sg | 26:54.35 | -1.08 |
| TIH | 22.1 | 199 | Pg | 8:26:53.54 | 0.33 |
| | | | Sg | 26:57.86 | 1.58 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| MPLH | 35.3 | 285 | Sg | 8:27:02.28 | 1.79 |
| CSKK | 36.9 | 34 | Sg | 8:27:01.38 | 0.37 |
| PKSG | 45.5 | 42 | Pg | 8:26:57.33 | -0.07 |
| | | | Sg | 27:03.89 | 0.15 |
| PKB4 | 80.8 | 144 | Sg | 8:27:15.49 | 0.55 |
| SRO | 84.3 | 17 | Sg | 8:27:15.89 | -0.19 |
| MORH | 109.1 | 153 | Sg | 8:27:23.14 | -0.81 |
| PKSM | 109.4 | 153 | Sg | 8:27:23.02 | -1.03 |
| KOVH | 111.4 | 176 | Sg | 8:27:23.82 | -0.86 |
| BEHE | 115.3 | 233 | Sg | 8:27:24.64 | -1.28 |
| PKSV | 134.8 | 171 | Sn | 8:27:30.85 | -0.86 |
| MODS | 152.6 | 340 | Sn | 8:27:33.16 | -2.51 |
| VYHS | 168.8 | 22 | Pn | 8:27:18.30 | 0.95 |
| | | | Sn | 27:38.58 | -0.67 |
| PSZ | 170.7 | 57 | Pn | 8:27:18.80 | 1.21 |
| | | | Sn | 27:39.49 | -0.20 |

728.

2021-05-18 time: 9:47:40.02 UTC ML= 1.5
 lat: 47.343N lon: 18.441E h= 0.0 km
 erh= 0.9km erz= 2.5km
 nr= 10 gap=113 rms=0.30
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.7 | 325 | PgU | 9:47:41.47 | 0.26 |
| | | | Sg | 47:42.02 | -0.12 |
| CSKK | 13.8 | 279 | Pg | 9:47:42.65 | 0.15 |
| | | | Sg | 47:43.76 | -0.67 |
| PKST | 32.2 | 253 | Pg | 9:47:46.04 | 0.27 |
| | | | Sg | 47:50.28 | 0.03 |
| MORH | 126.2 | 173 | Sg | 9:48:20.01 | -0.14 |
| PSZ | 126.6 | 60 | Sg | 9:48:20.21 | -0.05 |
| PKSM | 126.7 | 173 | Sg | 9:48:20.11 | -0.17 |
| VYHS | 131.4 | 13 | Sn | 9:48:20.81 | -0.89 |

729.

2021-05-18 time: 10:00:13.44 UTC ML= 1.8
 lat: 48.149N lon: 16.901E h= 0.0 km
 erh= 3.4km erz= 3.4km
 nr= 8 gap=156 rms=0.43
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 15.9 | 71 | Pg | 10:00:16.59 | 0.31 |
| | | | Sg | 00:18.34 | -0.15 |
| MODS | 37.5 | 48 | Pg | 10:00:20.13 | 0.00 |
| | | | Sg | 00:24.88 | -0.47 |
| SOP | 57.8 | 206 | Sg | 10:00:31.35 | -0.46 |
| CONA | 81.3 | 252 | Sg | 10:00:39.08 | -0.20 |
| ARSA | 143.8 | 226 | Pn | 10:00:39.23 | 0.83 |
| | | | Sn | 00:57.25 | -0.62 |

730.

2021-05-18 time: 12:13:56.01 UTC ML= 0.8
 lat: 47.859N lon: 16.038E h= 0.0 km
 erh= 2.3km erz= 8.4km
 nr= 10 gap=121 rms=0.74
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.3 | 300 | Pg | 12:13:58.79 | 0.05 |
| | | | Sg | 14:00.93 | 0.06 |
| RONA | 26.2 | 132 | Pg | 12:14:00.52 | -0.17 |
| | | | Sg | 14:04.49 | 0.15 |
| WINA | 27.8 | 5 | Pg | 12:14:01.66 | 0.70 |
| | | | Sg | 14:06.19 | 1.36 |
| ARSA | 77.9 | 210 | Sg | 12:14:20.64 | -0.14 |
| ABNA | 100.8 | 334 | Pg | 12:14:13.96 | -0.05 |

Földrengés paraméterek

Hypocenter Parameters

Sg 14:26.47 -1.58
 KRUC 136.4 11 Sn 12:14:35.81 -2.98

731.

2021-05-18 time: 14:43:16.55 UTC ML= 1.0
 lat: 47.574N lon: 16.338E h= 0.0 km
 erh= 2.3km erz= 2.7km
 nr= 13 gap=186 rms=0.52
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.3 | 347 | PgU | 14:43:19.28 | 0.18 |
| | | | Sg | 43:21.25 | 0.16 |
| SOP | 20.5 | 54 | Pg | 14:43:20.32 | 0.10 |
| | | | Sg | 43:22.96 | -0.11 |
| CONA | 53.2 | 318 | Pg | 14:43:26.57 | 0.52 |
| | | | Sg | 43:32.70 | -0.75 |
| WINA | 62.5 | 341 | Pg | 14:43:28.27 | 0.56 |
| ARSA | 71.3 | 240 | Sg | 14:43:38.62 | -0.59 |
| MODS | 113.2 | 38 | Pg | 14:43:36.71 | -0.06 |
| | | | Sg | 43:51.98 | -0.56 |
| ABNA | 139.3 | 331 | Pn | 14:43:40.07 | -0.88 |
| | | | Sn | 43:59.41 | -0.57 |
| MOA | 158.5 | 281 | Pn | 14:43:44.30 | 0.95 |

732.

2021-05-19 time: 5:03:39.27 UTC ML= 2.0
 lat: 45.896N lon: 16.020E h= 8.1 km
 erh= 3.2km erz= 2.0km
 nr= 7 gap=128 rms=0.36
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PTJ | 4.9 | 275 | Pg | 5:03:40.57 | -0.38 |
| | | | Sg | 03:41.76 | -0.51 |
| ZAG | 7.8 | 195 | Pg | 5:03:41.27 | 0.00 |
| | | | Sg | 03:43.21 | 0.38 |
| CRES | 44.5 | 260 | Pg | 5:03:47.92 | 0.58 |
| KOGS | 63.9 | 16 | Pg | 5:03:50.87 | 0.11 |
| BLY | 156.8 | 144 | Pn | 5:04:04.52 | -0.30 |

733.

2021-05-19 time: 6:27:03.89 UTC ML= 1.4
 lat: 47.302N lon: 17.662E h= 0.0 km
 erh= 1.9km erz= 2.6km
 nr= 9 gap=144 rms=0.39
 Locality: Bakonykoppány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 17.3 | 212 | Pg | 6:27:06.96 | -0.02 |
| | | | Sg | 27:09.57 | 0.17 |
| EGYH | 28.0 | 297 | Pg | 6:27:08.89 | 0.00 |
| PKST | 28.6 | 100 | Pg | 6:27:09.72 | 0.73 |
| | | | Sg | 27:13.08 | 0.11 |
| CSKK | 45.8 | 81 | Pg | 6:27:11.68 | -0.38 |
| | | | Sg | 27:18.15 | -0.28 |
| KOVH | 139.0 | 166 | Sn | 6:27:46.27 | -0.99 |
| MORH | 142.2 | 148 | Sn | 6:27:47.98 | 0.02 |

734.

2021-05-19 time: 7:59:49.75 UTC ML= 1.9
 lat: 48.422N lon: 17.257E h= 0.0 km
 erh= 1.3km erz= 429km
 nr= 10 gap=113 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 5.6 | 165 | Pg | 7:59:50.46 | -0.29 |
| | | | Sg | 59:52.36 | 0.83 |
| SMOL | 16.3 | 51 | Pg | 7:59:52.46 | -0.19 |
| | | | Sg | 59:55.68 | 0.76 |
| ZST | 27.6 | 205 | Pg | 7:59:54.47 | -0.22 |
| | | | Sg | 59:58.46 | -0.08 |
| KRUC | 95.3 | 318 | Pg | 7:60:06.56 | -0.20 |
| | | | Sg | 60:20.42 | 0.38 |
| RONA | 107.6 | 222 | Pg | 7:60:08.98 | 0.01 |
| | | | Sg | 60:24.30 | 0.34 |

735.

2021-05-19 time: 8:29:54.91 UTC ML= 1.4
 lat: 48.617N lon: 20.753E h= 0.0 km
 erh= 1.7km erz= 3.7km
 nr= 10 gap=130 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 24.7 | 233 | Pg | 8:29:59.38 | 0.06 |
| | | | Sg | 30:02.77 | 0.01 |
| ABAH | 50.6 | 135 | Pg | 8:30:04.17 | 0.22 |
| | | | Sg | 30:10.69 | -0.31 |
| PSZ | 100.5 | 219 | Pg | 8:30:13.47 | 0.62 |
| | | | Sg | 30:26.09 | -0.75 |
| LANS | 111.4 | 302 | Pg | 8:30:14.87 | 0.06 |
| KOLS | 117.1 | 73 | Sg | 8:30:31.62 | -0.51 |
| VYHS | 142.2 | 265 | Pn | 8:30:19.50 | -0.17 |
| | | | Sn | 30:36.71 | -2.28* |

736.

2021-05-19 time: 9:04:37.87 UTC ML= 0.8
 lat: 47.203N lon: 18.272E h= 0.0 km
 erh= 1.3km erz= 173km
 nr= 6 gap=266 rms=0.11
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.8 | 357 | Pg | 9:04:40.90 | -0.15 |
| | | | Sg | 04:43.36 | -0.16 |
| PKST | 19.0 | 289 | Pg | 9:04:41.30 | 0.04 |
| | | | Sg | 04:43.92 | 0.01 |
| PKSG | 22.8 | 23 | Pg | 9:04:42.05 | 0.11 |
| | | | Sg | 04:45.27 | 0.15 |

737.

2021-05-19 time: 9:36:54.37 UTC ML= 1.7
 lat: 48.220N lon: 21.220E h= 0.0 km
 erh= 2.6km erz= 812km
 nr= 10 gap=155 rms=0.63
 Locality: Rátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 8.5 | 10 | Pg | 9:36:55.83 | -0.06 |
| | | | Sg | 36:56.73 | -0.35 |
| KECS | 61.8 | 298 | Pg | 9:37:05.92 | 0.52 |
| | | | Sg | 37:13.35 | -0.65 |
| TRPA | 98.6 | 96 | Pg | 9:37:11.90 | -0.08 |
| | | | Sg | 37:24.60 | -1.12 |
| PSZ | 104.3 | 251 | Pg | 9:37:12.91 | -0.08 |
| | | | Sg | 37:27.55 | 0.02 |
| KOLS | 111.0 | 44 | Pg | 9:37:15.66 | 1.47 |
| | | | Sg | 37:28.92 | -0.74 |

Hypocenter Parameters

Földrengés paraméterek

738.

2021-05-19 time: 12:39:08.57 UTC ML= 1.6
 lat: 47.892N lon: 20.164E h= 0.0 km
 erh= 2.3km erz= 4.3km
 nr= 9 gap=131 rms=0.58
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 20.3 | 278 | Pg | 12:39:13.01 | 0.81 |
| | | | Sg | 39:15.87 | 0.84 |
| PENC | 67.0 | 260 | Sg | 12:39:29.80 | -0.06 |
| ABAH | 91.9 | 61 | Pg | 12:39:25.00 | 0.03 |
| | | | Sg | 39:37.69 | -0.08 |
| PKSN | 112.8 | 191 | Sg | 12:39:43.98 | -0.45 |
| VYHS | 119.3 | 304 | Pg | 12:39:29.72 | -0.15 |
| | | | Sg | 39:45.32 | -1.16 |
| PKSG | 144.4 | 247 | Sn | 12:39:52.21 | -0.92 |

739.

2021-05-20 time: 9:19:46.09 UTC ML= 1.5
 lat: 46.153N lon: 18.035E h= 0.0 km
 erh= 2.1km erz= 271km
 nr= 6 gap=291 rms=0.16
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 8.7 | 145 | Pg | 9:19:47.80 | 0.15 |
| | | | Sg | 19:48.76 | -0.10 |
| PKSV | 33.8 | 150 | Sg | 9:19:56.74 | -0.10 |
| PKSM | 47.2 | 82 | Sg | 9:20:01.41 | 0.30 |
| MORH | 47.5 | 81 | Pg | 9:19:54.48 | -0.10 |
| | | | Sg | 20:01.01 | -0.18 |

740.

2021-05-20 time: 9:45:00.69 UTC ML= 1.6
 lat: 48.620N lon: 20.754E h= 0.0 km
 erh= 5.1km erz= 6.5km
 nr= 7 gap=168 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 25.0 | 233 | Pg | 9:45:05.56 | 0.41 |
| | | | Sg | 45:08.87 | 0.24 |
| ABAH | 50.8 | 135 | Sg | 9:45:15.95 | -0.90 |
| PSZ | 100.8 | 219 | Pg | 9:45:19.86 | 1.17 |
| | | | Sg | 45:31.57 | -1.16 |
| KOLS | 117.0 | 73 | Sg | 9:45:37.44 | -0.43 |
| VYHS | 142.3 | 264 | Sn | 9:45:43.57 | -1.22 |

741.

2021-05-20 time: 9:50:40.46 UTC ML= 1.1
 lat: 48.041N lon: 20.673E h= 0.0 km
 erh= 4.2km erz= 804km
 nr= 5 gap=201 rms=0.37
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 50.8 | 56 | Pg | 9:50:49.92 | 0.39 |
| | | | Sg | 50:55.91 | -0.70 |
| KECS | 51.1 | 344 | Pg | 9:50:49.77 | 0.18 |
| | | | Sg | 50:56.42 | -0.29 |
| PSZ | 59.7 | 257 | Sg | 9:50:59.19 | -0.24 |

742.

2021-05-20 time: 10:00:17.07 UTC ML= 1.9
 lat: 48.174N lon: 16.890E h= 0.0 km
 erh= 2.6km erz= 634km
 nr= 7 gap=169 rms=0.44
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 16.0 | 81 | Pg | 10:00:19.90 | -0.03 |
| | | | Sg | 00:21.86 | -0.30 |
| MODS | 36.4 | 52 | Pg | 10:00:23.29 | -0.28 |
| CONA | 81.4 | 250 | Pg | 10:00:32.16 | 0.56 |
| | | | Sg | 00:41.85 | -1.09 |
| KRUC | 105.3 | 340 | Sg | 10:00:50.95 | 0.41 |

743.

2021-05-21 time: 7:18:31.99 UTC ML= 0.9
 lat: 47.139N lon: 18.219E h= 0.0 km
 erh= 2.3km erz= 225km
 nr= 5 gap=289 rms=0.11
 Locality: Ósi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.3 | 314 | Pg | 7:18:35.57 | 0.14 |
| | | | Sg | 18:37.96 | -0.16 |
| CSKK | 25.1 | 7 | Pg | 7:18:36.37 | -0.10 |
| PKSG | 31.0 | 25 | Pg | 7:18:37.52 | 0.00 |
| | | | Sg | 18:41.92 | 0.09 |

744.

2021-05-21 time: 8:38:22.39 UTC ML= 1.3
 lat: 48.535N lon: 20.821E h= 0.0 km
 erh= 1.7km erz= 2.3km
 nr= 5 gap=222 rms=0.27
 Locality: Bódvalenke
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 25.4 | 257 | Pg | 8:38:27.31 | 0.38 |
| | | | Sg | 38:30.42 | -0.06 |
| ABAH | 40.8 | 131 | Sg | 8:38:35.38 | 0.01 |
| PSZ | 97.2 | 225 | Sg | 8:38:53.12 | -0.15 |
| VYHS | 146.7 | 268 | Pn | 8:38:47.37 | -0.35 |

745.

2021-05-21 time: 8:57:55.74 UTC ML= 1.5
 lat: 45.519N lon: 17.366E h= 8.8 km
 erh= 5.9km erz= 1.5km
 nr= 7 gap=343 rms=0.23
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 80.3 | 59 | Pg | 8:58:09.89 | -0.28 |
| | | | Sg | 58:21.74 | 0.32 |
| KOVH | 85.2 | 42 | Sg | 8:58:22.94 | -0.03 |
| PKSM | 125.4 | 52 | Pn | 8:58:17.38 | 0.08 |
| | | | Sn | 58:34.25 | 0.14 |
| MORH | 125.9 | 52 | Pn | 8:58:17.53 | 0.18 |
| | | | Sn | 58:33.79 | -0.42 |

Földrengés paraméterek

Hypocenter Parameters

746.

2021-05-21 time: 9:10:10.17 UTC ML= 1.0
 lat: 47.164N lon: 18.316E h= 0.0 km
 erh= 0.9km erz= 116km
 nr= 6 gap=284 rms=0.07
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 22.5 | 349 | Pg | 9:10:14.13 | -0.06 |
| | | | Sg | 10:17.17 | -0.16 |
| PKST | 23.8 | 296 | Pg | 9:10:14.41 | -0.01 |
| | | | Sg | 10:17.78 | 0.05 |
| PKSG | 26.0 | 13 | Pg | 9:10:14.88 | 0.07 |
| | | | Sg | 10:18.48 | 0.06 |

747.

2021-05-21 time: 9:38:13.93 UTC ML= 1.3
 lat: 48.690N lon: 19.960E h= 0.0 km
 erh= 2.7km erz= ***km
 nr= 12 gap= 97 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 45.1 | 121 | Pg | 9:38:22.13 | 0.15 |
| | | | Sg | 38:26.35 | -1.91 |
| LANS | 62.6 | 325 | ePg | 9:38:25.70 | 0.59 |
| | | | eSg | 38:32.90 | -0.93 |
| NIE | 85.0 | 18 | Pg | 9:38:30.01 | 0.90 |
| | | | Sg | 38:39.25 | -1.71 |
| VYHS | 85.7 | 255 | Pg | 9:38:30.06 | 0.82 |
| | | | Sg | 38:39.19 | -1.99 |
| PSZ | 86.0 | 183 | Pg | 9:38:29.56 | 0.28 |
| | | | Sg | 38:41.41 | 0.16 |
| ABAH | 104.2 | 115 | Sg | 9:38:47.24 | 0.18 |
| | | | Sg | 9:38:49.13 | -0.41 |

748.

2021-05-21 time: 10:41:42.84 UTC ML= 1.4
 lat: 45.570N lon: 17.332E h= 13.3 km
 erh= 2.8km erz= 0.8km
 nr= 8 gap=342 rms=0.14
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 79.9 | 64 | Pg | 10:41:57.28 | -0.02 |
| | | | Sg | 42:08.53 | -0.05 |
| KOVH | 82.9 | 46 | Pg | 10:41:57.69 | -0.15 |
| | | | Sg | 42:09.66 | 0.13 |
| PKSM | 124.1 | 55 | Pn | 10:42:03.81 | 0.15 |
| | | | Sn | 42:19.38 | -0.52 |
| MORH | 124.6 | 55 | Pn | 10:42:03.71 | 0.00 |
| | | | Sn | 42:20.18 | 0.19 |

749.

2021-05-21 time: 10:58:40.74 UTC ML= 2.5
 lat: 46.319N lon: 21.586E h= 0.0 km
 erh= 3.5km erz= 3.4km
 nr= 13 gap= 98 rms=0.84
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 8.1 | 135 | Pg | 10:58:42.64 | 0.45 |
| | | | Sg | 58:42.96 | -0.36 |
| BZS | 78.2 | 178 | Pg | 10:58:55.24 | 0.54 |
| | | | Sg | 59:04.48 | -1.10 |
| DRGR | 101.0 | 59 | Pg | 10:58:59.11 | 0.33 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| GZR | 138.4 | 138 | Sg | 59:10.66 | -2.20 |
| | | | Pn | 10:59:05.50 | 0.47 |
| CJR | 160.5 | 74 | Sn | 59:22.22 | -1.76 |
| | | | Pn | 10:59:08.95 | 1.16 |
| FRGS | 190.8 | 226 | Sn | 59:28.40 | -0.49 |
| | | | Sn | 10:59:35.18 | -0.44 |
| PSZ | 219.2 | 324 | Pn | 10:59:15.18 | 0.07 |
| | | | Sn | 59:40.89 | -1.03 |

750.

2021-05-21 time: 11:33:23.80 UTC ML= 1.6
 lat: 45.589N lon: 17.312E h= 9.4 km
 erh= 2.6km erz= 0.7km
 nr= 8 gap=342 rms=0.12
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 80.4 | 66 | Pg | 11:33:38.42 | 0.16 |
| | | | Sg | 33:49.27 | -0.27 |
| KOVH | 82.7 | 48 | Pg | 11:33:38.62 | -0.04 |
| | | | Sg | 33:50.32 | 0.07 |
| PKSM | 124.3 | 56 | Pn | 11:33:45.05 | -0.08 |
| | | | Sn | 34:01.96 | 0.19 |
| MORH | 124.7 | 56 | Pn | 11:33:45.10 | -0.09 |
| | | | Sn | 34:01.91 | 0.05 |

751.

2021-05-21 time: 15:11:47.62 UTC ML= 2.5
 lat: 47.925N lon: 16.804E h= 5.9 km
 erh= 1.3km erz= 1.3km
 nr= 57 gap= 40 rms=0.95
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SOP | 32.6 | 214 | PgD | 15:11:53.73 | 0.19 |
| | | | Sg | 11:57.03 | -1.12 |
| ZST | 37.4 | 36 | ePg | 15:11:55.30 | 0.91 |
| | | | eSg | 12:00.30 | 0.63 |
| RONA | 45.6 | 237 | PgD | 15:11:55.88 | 0.06 |
| | | | Sg | 12:00.64 | -1.58 |
| WINA | 58.1 | 290 | Pg | 15:11:58.62 | 0.57 |
| | | | Sg | 12:05.70 | -0.49 |
| MODS | 61.0 | 35 | Pg | 15:11:59.04 | 0.47 |
| | | | Sg | 15:12:10.03 | 1.78 |
| EGYH | 69.0 | 145 | Pg | 15:12:00.67 | 0.68 |
| | | | Sg | 12:09.58 | -0.07 |
| CONA | 70.4 | 270 | Pg | 15:11:59.96 | -0.28 |
| | | | Sg | 12:08.51 | -1.57 |
| SMOL | 80.2 | 35 | Pg | 15:12:02.17 | 0.19 |
| | | | Sg | 12:12.19 | -1.00 |
| MPLH | 100.6 | 147 | Pg | 15:12:05.64 | 0.03 |
| | | | Sg | 12:17.93 | -1.72 |
| SRO | 113.6 | 96 | Sg | 15:12:21.98 | -1.80 |
| | | | Sn | 15:12:23.60 | -0.95 |
| A338 | 116.1 | 85 | Sn | 15:12:23.60 | -0.95 |
| | | | Pn | 15:12:08.85 | 0.17 |
| PKST | 118.6 | 129 | Sn | 12:23.55 | -1.55 |
| | | | Pn | 15:12:08.29 | -0.83 |
| ARSA | 122.1 | 232 | Sn | 12:22.90 | -2.99 |
| | | | Sn | 15:12:25.77 | -1.00 |
| CSKK | 126.1 | 120 | Sn | 15:12:25.77 | -1.00 |
| | | | Pn | 15:12:10.17 | 0.08 |
| KRUC | 129.9 | 347 | Sn | 12:25.65 | -1.97 |
| | | | Pn | 15:12:10.17 | -0.08 |
| ABNA | 131.2 | 309 | Sn | 12:26.44 | -1.46 |
| | | | Pn | 15:12:10.60 | 0.10 |
| PKSG | 133.2 | 116 | Sn | 12:27.79 | -0.55 |
| | | | Pn | 15:12:14.28 | -0.03 |
| VYHS | 163.8 | 67 | Sn | 12:35.86 | 0.73 |
| | | | Pn | 15:12:14.97 | -0.06 |
| KOGS | 169.5 | 194 | Sn | 12:36.00 | -0.41 |
| | | | Pn | 15:12:17.20 | 0.79 |
| TREC | 180.6 | 327 | ePn | 15:12:17.20 | 0.79 |
| | | | eSn | 12:37.60 | -1.27 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PENC | 186.0 | 95 | Sn | 15:12:40.41 | 0.33 |
| MOA | 190.0 | 267 | Pn | 15:12:19.39 | 1.81 |
| | | | Sn | 12:42.18 | 1.23 |
| GROS | 190.4 | 211 | Pn | 15:12:19.98 | 2.35 |
| | | | Sn | 12:41.12 | 0.08 |
| PERS | 192.0 | 222 | Pn | 15:12:20.16 | 2.33 |
| | | | Sn | 12:41.37 | -0.02 |
| SOKA | 192.8 | 224 | Pn | 15:12:20.66 | 2.72 |
| MORC | 212.9 | 15 | Sn | 15:12:45.70 | -0.34 |
| KOVH | 226.8 | 154 | Pn | 15:12:22.17 | 0.00 |
| OBKA | 232.3 | 227 | Pn | 15:12:23.43 | 0.57 |
| | | | Sn | 12:50.32 | -0.03 |
| PTJ | 234.2 | 196 | Pn | 15:12:23.90 | 0.80 |
| MORH | 235.9 | 144 | Pn | 15:12:23.34 | 0.03 |
| PKSM | 236.2 | 144 | Pn | 15:12:23.30 | -0.04 |
| BIOA | 238.5 | 264 | Pn | 15:12:24.78 | 1.14 |
| | | | Sn | 12:52.74 | 1.01 |
| KRLC | 239.1 | 360 | Sn | 15:12:52.29 | 0.44 |
| KBA | 277.1 | 250 | Pn | 15:12:30.36 | 1.91 |
| | | | Sn | 13:01.07 | 0.78 |
| LESA | 314.9 | 260 | Sn | 15:13:10.19 | 1.52* |
| ABTA | 349.8 | 248 | Sn | 15:13:17.23 | 0.81* |
| WTTA | 395.6 | 259 | Sn | 15:13:27.46 | 0.88* |
| WATA | 398.3 | 261 | Sn | 15:13:29.23 | 2.03* |
| SQTA | 428.2 | 259 | Sn | 15:13:36.93 | 3.10* |
| MOTA | 433.2 | 261 | Sn | 15:13:35.90 | 0.96* |

752.

2021-05-21 time: 15:17:28.18 UTC ML= 0.8
 lat: 47.568N lon: 16.355E h= 3.4 km
 erh= 2.5km erz= 3.0km
 nr= 10 gap=191 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.3 | 343 | Pg | 15:17:31.09 | 0.11 |
| | | | Sg | 17:33.12 | -0.04 |
| SOP | 20.0 | 50 | Pg | 15:17:31.92 | 0.12 |
| | | | Sg | 17:34.93 | 0.31 |
| CONA | 54.5 | 317 | Pg | 15:17:38.32 | 0.39 |
| | | | Sg | 17:44.89 | -0.65 |
| ARSA | 72.0 | 241 | Sg | 15:17:50.23 | -0.86 |
| MODS | 113.0 | 38 | Sg | 15:18:02.38 | -1.74 |
| MOA | 159.8 | 281 | Pn | 15:17:55.36 | 0.65 |
| | | | Sn | 18:15.23 | -0.18 |

753.

2021-05-24 time: 6:42:29.56 UTC ML= 2.1
 lat: 45.531N lon: 18.379E h= 2.9 km
 erh= 2.3km erz= 2.2km
 nr= 25 gap=116 rms=0.69
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 41.0 | 346 | Pg | 6:42:37.17 | 0.28 |
| | | | Sg | 42:42.16 | -0.46 |
| KOVH | 65.7 | 341 | PgD | 6:42:41.46 | 0.16 |
| | | | Sg | 42:49.01 | -1.44 |
| PKSM | 78.4 | 15 | Pg | 6:42:43.45 | -0.12 |
| | | | Sg | 42:54.43 | -0.06 |
| MORH | 78.9 | 15 | Pg | 6:42:43.46 | -0.19 |
| | | | Sg | 42:54.65 | 0.00 |
| PKB4 | 108.7 | 9 | Pg | 6:42:49.21 | 0.23 |
| | | | Sg | 43:04.12 | -0.01 |
| PKS9 | 117.7 | 356 | Pg | 6:42:51.22 | 0.64 |
| | | | Sg | 43:06.23 | -0.74 |
| PKB3 | 117.7 | 32 | Pg | 6:42:51.12 | 0.54 |
| | | | Sg | 43:06.16 | -0.82 |
| FRGS | 120.5 | 111 | Pg | 6:42:50.96 | -0.12 |
| | | | Sg | 43:07.11 | -0.75 |
| PKB5 | 121.5 | 13 | PgU | 6:42:51.73 | 0.48 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 43:06.97 | -1.21 |
| PKS2 | 124.9 | 31 | Sn | 6:43:08.96 | -0.16 |
| BLY | 128.0 | 227 | Sn | 6:43:08.36 | -1.46 |
| PKB1 | 143.0 | 13 | Pn | 6:42:55.16 | 1.12 |
| | | | Sn | 43:13.15 | 0.01 |
| PKST | 193.9 | 352 | Pn | 6:43:04.53 | 4.13 |
| | | | Sn | 43:27.59 | 3.14 |
| PKSG | 206.9 | 0 | Sn | 6:43:31.49 | 4.16* |

754.

2021-05-24 time: 8:36:04.43 UTC ML= 1.5
 lat: 48.629N lon: 20.788E h= 0.0 km
 erh= 1.0km erz= 0.7km
 nr= 8 gap=209 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 27.6 | 234 | Pg | 8:36:09.96 | 0.61 |
| | | | Sg | 36:12.92 | -0.27 |
| ABAH | 49.9 | 138 | Pg | 8:36:13.83 | 0.50 |
| | | | Sg | 36:20.14 | -0.14 |
| PSZ | 103.1 | 220 | Pg | 8:36:23.35 | 0.50 |
| | | | Sg | 36:36.50 | -0.71 |
| TRPA | 141.1 | 113 | Sn | 8:36:46.89 | -1.37 |
| VYHS | 144.8 | 264 | Sn | 8:36:48.06 | -1.03 |

755.

2021-05-24 time: 9:08:38.03 UTC ML= 1.8
 lat: 48.459N lon: 17.591E h= 0.0 km
 erh= 4.7km erz= 3.6km
 nr= 7 gap=294 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 13.5 | 297 | Pg | 9:08:40.75 | 0.32 |
| | | | Sg | 08:41.83 | -0.48 |
| MODS | 25.1 | 248 | Pg | 9:08:42.44 | -0.07 |
| | | | Sg | 08:45.80 | -0.20 |
| ZST | 46.5 | 231 | Sg | 9:08:54.24 | 1.42 |
| CONA | 141.4 | 245 | Pn | 9:09:02.69 | -0.01 |
| | | | Sn | 09:20.68 | -1.26 |

756.

2021-05-24 time: 10:09:27.12 UTC ML= 1.6
 lat: 48.272N lon: 19.829E h= 0.0 km
 erh= 1.7km erz= 3.2km
 nr= 13 gap= 87 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 39.6 | 173 | Pg | 10:09:33.94 | -0.25 |
| | | | Sg | 09:39.15 | -0.56 |
| KECS | 54.0 | 64 | Pg | 10:09:36.85 | 0.08 |
| | | | Sg | 09:44.28 | -0.01 |
| PENC | 67.3 | 217 | Pg | 10:09:39.56 | 0.42 |
| | | | Sg | 09:48.10 | -0.42 |
| VYHS | 77.6 | 289 | Pg | 10:09:41.37 | 0.40 |
| | | | Sg | 09:50.86 | -0.91 |
| ABAH | 104.7 | 89 | Pg | 10:09:45.99 | 0.17 |
| | | | Sg | 09:59.64 | -0.77 |
| NIE | 132.4 | 16 | Pn | 10:09:50.76 | 0.10 |
| | | | Sn | 10:07.55 | -1.47 |
| PKSG | 145.5 | 228 | Pn | 10:09:53.32 | 1.03 |

Földrengés paraméterek

Hypocenter Parameters

757.

 2021-05-24 time: 14:40:16.20 UTC ML= 1.1
 lat: 47.930N lon: 16.757E h= 8.2 km
 erh= 2.0km erz= 1.6km
 nr= 12 gap=170 rms=0.40
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| SOP | 31.2 | 208 | Pg | 14:40:22.09 | | | 0.13 |
| | | | Sg | | 40:26.01 | | -0.45 |
| RONA | 43.0 | 233 | PgD | 14:40:24.09 | | | 0.08 |
| | | | Sg | | 40:29.17 | | -0.93 |
| MODS | 62.7 | 38 | Pg | 14:40:27.56 | | | 0.07 |
| | | | Sg | | 40:35.89 | | -0.41 |
| CONA | 66.9 | 270 | Pg | 14:40:28.71 | | | 0.48 |
| | | | Sg | | 40:37.50 | | -0.12 |
| ARSA | 119.7 | 231 | Sn | 14:40:53.42 | | | 0.02 |
| ABNA | 128.2 | 310 | Pn | 14:40:38.91 | | | 0.75 |
| | | | Sn | | 40:54.96 | | -0.33 |
| KRUC | 128.7 | 348 | Sn | 14:40:54.86 | | | -0.54 |

758.

 2021-05-25 time: 8:31:08.32 UTC ML= 1.3
 lat: 48.555N lon: 19.311E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 9 gap=138 rms=0.87
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| VYHS | 35.8 | 259 | Pg | 8:31:15.02 | | | 0.31 |
| | | | Sg | | 31:19.44 | | -0.25 |
| PSZ | 83.0 | 149 | Pg | 8:31:24.11 | | | 0.96 |
| | | | Sg | | 31:33.71 | | -1.00 |
| PENC | 85.1 | 181 | Sg | 8:31:34.52 | | | -0.84 |
| KECS | 87.1 | 95 | Pg | 8:31:24.89 | | | 1.01 |
| | | | Sg | | 31:34.66 | | -1.36 |
| A338 | 93.1 | 230 | Sg | 8:31:37.92 | | | 0.00 |
| NIE | 120.8 | 37 | Sg | 8:31:45.51 | | | -1.22 |

759.

 2021-05-25 time: 8:31:42.36 UTC ML= 2.0
 lat: 47.008N lon: 22.275E h= 0.0 km
 erh= 3.4km erz= 3.9km
 nr= 11 gap=159 rms=0.81
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DRGR | 41.0 | 126 | PgU | 8:31:49.65 | | | -0.04 |
| | | | Sg | | 31:54.47 | | -0.93 |
| SIRR | 94.9 | 210 | Pg | 8:31:59.29 | | | 0.00 |
| | | | Sg | | 32:10.52 | | -1.99 |
| CJR | 106.1 | 108 | Pg | 8:32:01.58 | | | 0.28 |
| | | | Sg | | 32:14.44 | | -1.64 |
| TRPA | 126.3 | 9 | Pg | 8:32:04.85 | | | -0.07 |
| DEV | 134.0 | 159 | Pn | 8:32:06.10 | | | 0.00 |
| BZS | 162.8 | 198 | Pn | 8:32:10.07 | | | 0.38 |
| GZR | 183.6 | 168 | Pn | 8:32:14.05 | | | 1.76 |
| | | | Sn | | 32:35.44 | | -0.19 |

760.

 2021-05-25 time: 9:50:21.57 UTC ML= 0.7
 lat: 47.159N lon: 18.313E h= 0.0 km
 erh= 2.2km erz= 3.6km
 nr= 8 gap=131 rms=0.39
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CSKK | 23.0 | 350 | Pg | 9:50:25.54 | | | -0.15 |
| | | | Sg | | 50:28.13 | | -0.77 |
| PKST | 23.9 | 298 | Pg | 9:50:26.25 | | | 0.41 |
| | | | Sg | | 50:28.90 | | -0.26 |
| PKSG | 26.5 | 13 | Pg | 9:50:26.76 | | | 0.45 |
| | | | Sg | | 50:30.09 | | 0.09 |
| PKSM | 108.3 | 167 | Sg | 9:50:55.51 | | | -0.47 |
| PSZ | 145.9 | 55 | Sn | 9:51:06.30 | | | -0.18 |

761.

 2021-05-26 time: 9:32:52.26 UTC ML= 0.7
 lat: 47.209N lon: 18.298E h= 0.0 km
 erh= 1.6km erz= 480km
 nr= 8 gap=147 rms=0.34
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CSKK | 17.4 | 351 | Pg | 9:32:55.73 | | | 0.37 |
| | | | Sg | | 32:57.19 | | -0.59 |
| PKST | 20.7 | 286 | Pg | 9:32:55.78 | | | -0.17 |
| | | | Sg | | 32:58.89 | | 0.05 |
| PKSG | 21.5 | 19 | Pg | 9:32:56.46 | | | 0.36 |
| | | | Sg | | 32:58.74 | | -0.36 |
| MORH | 113.5 | 167 | Sg | 9:33:27.89 | | | -0.46 |
| KOVH | 125.5 | 187 | Sg | 9:33:32.31 | | | 0.16 |

762.

 2021-05-26 time: 9:52:43.94 UTC ML= 2.1
 lat: 48.456N lon: 17.169E h= 0.0 km
 erh= 2.1km erz= 309km
 nr= 6 gap=242 rms=0.30
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| MODS | 12.2 | 139 | PgU | 9:52:46.18 | | | 0.07 |
| | | | Sg | | 52:47.20 | | -0.61 |
| SMOL | 20.2 | 72 | Pg | 9:52:47.65 | | | 0.10 |
| | | | Sg | | 52:50.22 | | -0.14 |
| ZST | 29.3 | 190 | Pg | 9:52:49.54 | | | 0.36 |
| | | | Sg | | 52:52.82 | | -0.44 |

763.

 2021-05-26 time: 10:00:21.66 UTC ML= 2.1
 lat: 48.176N lon: 16.879E h= 0.0 km
 erh= 1.0km erz= 2.9km
 nr= 7 gap=168 rms=0.27
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| ZST | 16.7 | 82 | Pg | 10:00:24.79 | | | 0.14 |
| | | | Sg | | 00:26.75 | | -0.23 |
| MODS | 36.8 | 53 | Pg | 10:00:28.46 | | | 0.22 |
| | | | Sg | | 00:33.38 | | 0.02 |
| CONA | 80.7 | 250 | Sg | 10:00:47.36 | | | 0.04 |
| KRUC | 104.8 | 340 | Sg | 10:00:54.64 | | | -0.33 |
| VYHS | 149.3 | 76 | Sn | 10:01:06.01 | | | -1.31 |

764.

 2021-05-26 time: 11:37:12.96 UTC ML= 1.8
 lat: 47.884N lon: 19.782E h= 0.0 km
 erh= 3.5km erz= 4.4km
 nr= 11 gap=139 rms=0.74
 Locality: Szurdokpüspöki
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 9.2 | 66 | Pg | 11:37:14.39 | -0.22 |
| | | | Sg | 37:15.69 | -0.21 |
| PENC | 38.9 | 254 | Pg | 11:37:20.12 | 0.22 |
| | | | Sg | 37:26.33 | 1.02 |
| KECS | 84.7 | 38 | Pg | 11:37:28.79 | 0.70 |
| | | | Sg | 37:39.35 | -0.54 |
| VYHS | 97.7 | 314 | Sg | 11:37:43.40 | -0.61 |
| PKSG | 118.0 | 242 | Sg | 11:37:48.88 | -1.59 |
| PKST | 148.7 | 242 | Sn | 11:37:57.31 | -1.18 |
| MORH | 204.6 | 205 | Sn | 11:38:11.87 | 0.97 |
| PKSM | 205.1 | 205 | Sn | 11:38:12.22 | 1.21 |

765.

2021-05-26 time: 23:50:23.32 UTC ML= 1.4
 lat: 47.783N lon: 16.166E h= 10.8 km
 erh= 1.7km erz= 1.3km
 nr= 26 gap= 59 rms=0.75
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.5 | 133 | Pg | 23:50:26.46 | 0.05 |
| | | | Sg | 50:28.19 | -0.63 |
| CONA | 27.9 | 305 | Pg | 23:50:29.10 | 0.44 |
| | | | Sg | 50:32.82 | -0.01 |
| SOP | 31.5 | 111 | Pg | 23:50:29.36 | 0.09 |
| | | | Sg | 50:33.18 | -0.72 |
| WINA | 36.7 | 349 | Pg | 23:50:30.84 | 0.68 |
| | | | Sg | 50:35.85 | 0.36 |
| ARSA | 76.5 | 219 | Pg | 23:50:36.28 | -0.83 |
| | | | Sg | 50:45.49 | -2.38 |
| EGYH | 96.7 | 115 | Pg | 23:50:40.81 | 0.12 |
| | | | Sg | 50:53.63 | -0.62 |
| MODS | 105.7 | 52 | S* | 23:50:55.36 | -1.46 |
| ABNA | 112.7 | 331 | Pn | 23:50:42.52 | -0.51 |
| | | | Sn | 50:55.94 | -2.45 |
| SMOL | 124.3 | 49 | Pn | 23:50:45.24 | 0.77 |
| | | | Sn | 51:01.11 | 0.15 |
| MOA | 142.5 | 273 | Pn | 23:50:47.36 | 0.62 |
| | | | Sn | 51:04.74 | -0.26 |
| KRUC | 143.2 | 7 | Pn | 23:50:47.06 | 0.23 |
| | | | Sn | 51:04.31 | -0.86 |
| KOGS | 148.5 | 178 | Pn | 23:50:48.89 | 1.40 |
| | | | Sn | 51:07.42 | 1.07 |
| PERS | 150.3 | 212 | Sn | 23:51:06.96 | 0.23 |
| BIOA | 189.8 | 267 | Sn | 23:51:15.39 | -0.12 |
| ZVC | 234.7 | 322 | eSn | 23:51:27.90 | 2.43 |

766.

2021-05-27 time: 8:55:46.41 UTC ML= 1.4
 lat: 47.312N lon: 18.473E h= 0.0 km
 erh= 2.0km erz= 4.5km
 nr= 9 gap=116 rms=0.56
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 10.8 | 325 | Pg | 8:55:48.61 | 0.26 |
| | | | Sg | 55:49.07 | -0.79 |
| CSKK | 17.1 | 289 | Pg | 8:55:49.78 | 0.32 |
| | | | Sg | 55:51.61 | -0.22 |
| PKST | 33.7 | 260 | Pg | 8:55:53.08 | 0.65 |
| | | | Sg | 55:56.50 | -0.63 |
| PKSM | 123.0 | 174 | Sg | 8:56:25.06 | -0.44 |
| PSZ | 126.3 | 58 | Sg | 8:56:26.89 | 0.32 |
| VYHS | 134.2 | 12 | Sn | 8:56:27.30 | -1.41 |

767.

2021-05-27 time: 8:57:57.23 UTC ML= 1.6
 lat: 47.316N lon: 18.449E h= 0.0 km
 erh= 1.7km erz= 3.0km
 nr= 11 gap=115 rms=0.53
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.5 | 332 | PgU | 8:57:59.11 | 0.18 |
| | | | Sg | 57:59.65 | -0.61 |
| CSKK | 15.2 | 290 | Pg | 8:58:00.51 | 0.56 |
| | | | Sg | 58:02.22 | 0.15 |
| PKST | 32.0 | 259 | Pg | 8:58:03.16 | 0.21 |
| | | | Sg | 58:06.21 | -1.20 |
| MORH | 123.2 | 173 | Sg | 8:58:36.65 | 0.27 |
| PKSM | 123.6 | 173 | Sg | 8:58:36.75 | 0.23 |
| PSZ | 127.6 | 58 | Sg | 8:58:37.51 | -0.29 |
| VYHS | 134.2 | 12 | Sn | 8:58:37.56 | -1.96 |
| KOVH | 139.0 | 191 | Sn | 8:58:40.51 | -0.10 |

768.

2021-05-27 time: 9:12:09.51 UTC ML= 1.3
 lat: 48.583N lon: 20.737E h= 0.0 km
 erh= 3.1km erz= 4.9km
 nr= 10 gap= 90 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.6 | 239 | Pg | 9:12:13.66 | 0.29 |
| | | | Sg | 12:16.41 | 0.03 |
| ABAH | 49.0 | 131 | Pg | 9:12:19.46 | 1.20 |
| | | | Sg | 12:24.40 | -0.68 |
| PSZ | 96.8 | 220 | Sg | 9:12:39.77 | -0.51 |
| NIE | 98.0 | 342 | Pg | 9:12:27.86 | 0.85 |
| LANS | 112.5 | 304 | ePg | 9:12:29.30 | -0.30 |
| KOLS | 119.5 | 71 | Sg | 9:12:45.77 | -1.72 |
| VYHS | 140.7 | 266 | Pn | 9:12:34.07 | -0.02 |
| | | | Sn | 12:51.52 | -1.74 |

769.

2021-05-27 time: 9:17:54.36 UTC ML= 0.6
 lat: 47.253N lon: 18.268E h= 0.0 km
 erh= 1.6km erz= 213km
 nr= 6 gap=241 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 12.3 | 357 | Pg | 9:17:56.53 | -0.03 |
| | | | Sg | 17:58.31 | 0.04 |
| PKST | 17.7 | 272 | Pg | 9:17:57.43 | -0.10 |
| | | | Sg | 18:00.10 | 0.11 |
| PKSG | 18.0 | 31 | Pg | 9:17:57.74 | 0.16 |
| | | | Sg | 17:59.84 | -0.25 |

770.

2021-05-27 time: 12:22:43.29 UTC ML= 1.9
 lat: 48.223N lon: 21.267E h= 0.0 km
 erh= 2.1km erz= 2.6km
 nr= 13 gap=155 rms=0.59
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ABAH | 8.4 | 346 | Pg | 12:22:44.83 | 0.05 |
| | | | Sg | 22:45.79 | -0.16 |
| KECS | 64.7 | 297 | Pg | 12:22:54.75 | -0.09 |
| | | | Sg | 23:03.20 | -0.66 |

Földrengés paraméterek

Hypocenter Parameters

TRPA 95.2 96 Pg 12:23:00.40 0.11
 Sg 23:12.92 -0.63
 PSZ 107.7 252 Pg 12:23:02.95 0.43
 Sg 23:16.18 -1.35
 KOLS 108.4 43 Pg 12:23:02.89 0.24
 Sg 23:16.68 -1.07
 NIE 150.3 332 Pn 12:23:10.27 1.21
 Sn 23:28.80 -0.37
 VYHS 182.6 280 Sn 12:23:36.63 0.29

771.

2021-05-28 time: 2:47:30.94 UTC ML= 1.8
 lat: 45.582N lon: 16.077E h= 8.8 km
 erh= 3.4km erz= 4.3km
 nr= 12 gap=163 rms=0.46
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 28.2 | 347 | Pg | 2:47:36.47 | 0.25 |
| | | | Sg | 47:41.37 | 1.03 |
| PTJ | 36.6 | 345 | Pg | 2:47:37.78 | 0.12 |
| | | | Sg | 47:42.28 | -0.61 |
| CRES | 55.4 | 299 | Pg | 2:47:41.31 | 0.35 |
| | | | Sg | 47:48.68 | -0.09 |
| KOGS | 97.2 | 8 | Pg | 2:47:47.98 | -0.39 |
| | | | Sg | 48:01.09 | -0.88 |
| BLY | 127.0 | 137 | Pn | 2:47:52.89 | 0.20 |
| | | | Sn | 48:08.74 | -0.92 |
| KOVH | 167.0 | 70 | Sn | 2:48:18.62 | 0.10 |
| PKSV | 172.7 | 79 | Sn | 2:48:20.18 | 0.39 |

772.

2021-05-28 time: 3:52:40.86 UTC ML= 0.9
 lat: 47.860N lon: 16.264E h= 11.9 km
 erh= 2.6km erz= 2.1km
 nr= 18 gap= 79 rms=0.91
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 18.0 | 172 | Pg | 3:52:44.86 | 0.14 |
| | | | Sg | 52:47.19 | -0.54 |
| SOP | 29.5 | 132 | Pg | 3:52:46.77 | 0.22 |
| | | | Sg | 52:50.46 | -0.53 |
| WINA | 31.0 | 333 | Pg | 3:52:47.24 | 0.45 |
| | | | Sg | 52:51.03 | -0.39 |
| CONA | 31.0 | 284 | Pg | 3:52:46.79 | -0.01 |
| ARSA | 87.8 | 219 | Sg | 3:53:07.23 | -1.79 |
| MODS | 94.6 | 53 | eP* | 3:52:57.90 | 0.01 |
| | | | eS* | 53:10.20 | -0.97 |
| ABNA | 109.2 | 326 | Pn | 3:52:59.55 | -0.44 |
| | | | Sn | 53:12.39 | -2.52 |
| KRUC | 134.0 | 4 | Pn | 3:53:03.41 | 0.33 |
| | | | Sn | 53:19.43 | -0.98 |
| MOA | 149.5 | 270 | Pn | 3:53:07.02 | 2.00 |
| | | | Sn | 53:25.76 | 1.90 |
| PERS | 161.5 | 213 | Sn | 3:53:28.66 | 2.15 |
| TREC | 169.5 | 340 | eSn | 3:53:28.60 | 0.30 |

773.

2021-05-28 time: 6:10:45.11 UTC ML= 1.0
 lat: 47.136N lon: 18.226E h= 0.0 km
 erh= 2.4km erz= 305km
 nr= 6 gap=290 rms=0.18
 Locality: Nádasdladány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.9 | 313 | Pg | 6:10:48.67 | 0.00 |
| | | | Sg | 10:51.31 | -0.13 |
| CSKK | 25.4 | 6 | Pg | 6:10:49.95 | 0.31 |

Sg 10:53.22 0.04
 PKSG 31.0 24 Pg 6:10:50.45 -0.21
 Sg 10:54.92 -0.06

774.

2021-05-28 time: 6:52:22.83 UTC ML= 1.7
 lat: 47.939N lon: 20.088E h= 0.0 km
 erh= 4.3km erz= 4.2km
 nr= 8 gap=179 rms=0.90
 Locality: Mátraderecske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 14.7 | 261 | Pg | 6:52:25.92 | 0.47 |
| | | | Sg | 52:28.73 | 1.24 |
| PENC | 62.6 | 255 | Sg | 6:52:43.04 | 0.33 |
| KECS | 67.4 | 26 | Sg | 6:52:45.15 | 0.91 |
| ABAH | 94.5 | 65 | Sg | 6:52:52.28 | -0.58 |
| VYHS | 111.7 | 304 | Sg | 6:52:57.05 | -1.27 |
| PKSG | 141.3 | 245 | Sn | 6:53:05.08 | -1.62 |
| LANS | 142.3 | 341 | eSn | 6:53:06.30 | -0.64 |

775.

2021-05-28 time: 7:36:25.27 UTC ML= 1.7
 lat: 48.782N lon: 19.466E h= 0.0 km
 erh= 3.4km erz= 4.9km
 nr= 14 gap= 73 rms=1.19
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 41.0 | 0 | ePg | 7:36:31.90 | -0.69 |
| | | | eSg | 36:36.90 | -1.40 |
| VYHS | 56.4 | 235 | Pg | 7:36:35.22 | -0.13 |
| | | | Sg | 36:41.15 | -2.05 |
| KECS | 82.1 | 114 | Sg | 7:36:50.86 | -0.52 |
| NIE | 94.0 | 41 | Sg | 7:36:54.47 | -0.69 |
| PSZ | 101.1 | 162 | Pg | 7:36:44.23 | 0.90 |
| | | | Sg | 36:56.68 | -0.74 |
| PENC | 111.1 | 187 | Pg | 7:36:47.44 | 2.33 |
| | | | Sg | 37:00.13 | -0.45 |
| ABAH | 141.7 | 112 | Sn | 7:37:08.56 | -0.67 |
| OJC | 161.7 | 9 | Sn | 7:37:13.88 | 0.20 |
| MORC | 178.4 | 308 | Pn | 7:36:56.31 | 1.75 |
| | | | Sn | 37:15.99 | -1.41 |

776.

2021-05-28 time: 7:37:59.28 UTC ML= 1.9
 lat: 48.763N lon: 19.448E h= 0.0 km
 erh= 3.1km erz= 6.1km
 nr= 8 gap= 76 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 43.2 | 2 | ePg | 7:38:07.50 | 0.51 |
| | | | eSg | 38:13.30 | 0.30 |
| VYHS | 54.1 | 237 | Sg | 7:38:15.76 | -0.72 |
| KECS | 82.6 | 112 | Sg | 7:38:26.00 | 0.48 |
| NIE | 96.5 | 41 | Sg | 7:38:28.51 | -1.45 |
| PSZ | 99.5 | 161 | Sg | 7:38:30.82 | -0.10 |
| MORC | 178.8 | 309 | Pn | 7:38:29.57 | 0.97 |
| | | | Sn | 38:50.66 | -0.82 |

Hypocenter Parameters

Földrengés paraméterek

777.

2021-05-28 time: 8:10:08.35 UTC ML= 0.9
 lat: 47.211N lon: 18.270E h= 0.0 km
 erh= 0.9km erz= 1.8km
 nr= 11 gap=108 rms=0.42
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.0 | 358 | Pg | 8:10:11.77 | 0.39 |
| | | | Sg | 10:13.58 | -0.17 |
| PKST | 18.6 | 287 | Pg | 8:10:11.66 | -0.02 |
| | | | Sg | 10:14.02 | -0.25 |
| PKSG | 22.1 | 24 | Pg | 8:10:12.60 | 0.30 |
| | | | Sg | 10:15.53 | 0.15 |
| MORH | 114.2 | 165 | Sg | 8:10:44.74 | 0.08 |
| PKSM | 114.6 | 166 | Sg | 8:10:45.15 | 0.37 |
| KOVH | 125.4 | 186 | Sg | 8:10:47.56 | -0.66 |
| PSZ | 145.4 | 57 | Sn | 8:10:52.17 | -0.97 |
| VYHS | 148.9 | 17 | Sn | 8:10:51.97 | -1.94 |

778.

2021-05-28 time: 8:33:24.16 UTC ML= 1.4
 lat: 48.607N lon: 20.738E h= 0.0 km
 erh= 2.5km erz= 4.0km
 nr= 11 gap= 91 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.2 | 234 | Pg | 8:33:28.76 | 0.46 |
| | | | Sg | 33:31.62 | 0.09 |
| ABAH | 50.7 | 133 | Pg | 8:33:34.23 | 1.01 |
| | | | Sg | 33:39.61 | -0.67 |
| NIE | 95.5 | 341 | Sg | 8:33:54.02 | -0.49 |
| PSZ | 98.9 | 219 | Pg | 8:33:41.66 | -0.17 |
| | | | Sg | 33:54.82 | -0.79 |
| KOLS | 118.5 | 72 | eSg | 8:34:01.80 | -0.04 |
| VYHS | 141.0 | 265 | Pn | 8:33:49.40 | 0.63 |
| | | | Sn | 34:06.57 | -1.40 |
| TRPA | 143.6 | 112 | Sn | 8:34:06.02 | -2.53 |

779.

2021-05-28 time: 8:46:39.91 UTC ML= 1.8
 lat: 48.460N lon: 17.389E h= 0.0 km
 erh= 1.4km erz= 3.3km
 nr= 16 gap=128 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 6.7 | 26 | Pg | 8:46:40.82 | -0.29 |
| | | | Sg | 46:41.94 | -0.10 |
| MODS | 12.6 | 221 | Pg | 8:46:42.52 | 0.35 |
| | | | Sg | 46:44.97 | 1.04 |
| ZST | 36.2 | 216 | Pg | 8:46:46.71 | 0.34 |
| | | | Sg | 46:51.17 | -0.24 |
| KRUC | 99.1 | 313 | Pg | 8:46:57.60 | 0.00 |
| | | | Sg | 47:11.56 | 0.16 |
| WINA | 105.2 | 248 | Pg | 8:46:59.30 | 0.60 |
| VYHS | 107.1 | 88 | ePg | 8:46:59.50 | 0.46 |
| RONA | 117.3 | 224 | Pg | 8:47:00.72 | -0.14 |
| | | | Sg | 47:16.89 | -0.32 |
| CONA | 128.0 | 242 | Pg | 8:47:02.24 | -0.52 |
| | | | Sg | 47:19.71 | -0.88 |
| ABNA | 146.2 | 279 | Pn | 8:47:04.73 | -0.44 |
| MORC | 146.9 | 4 | Sn | 8:47:23.53 | -1.50 |

780.

2021-05-28 time: 9:09:29.88 UTC ML= 1.2
 lat: 46.167N lon: 18.295E h= 0.0 km
 erh= 0.7km erz= 129km
 nr= 8 gap=199 rms=0.09
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.4 | 240 | Pg | 9:09:33.03 | 0.04 |
| | | | Sg | 09:35.21 | -0.21 |
| PKSM | 27.2 | 79 | Pg | 9:09:34.74 | 0.00 |
| | | | Sg | 09:38.35 | -0.18 |
| MORH | 27.5 | 79 | Pg | 9:09:34.83 | 0.04 |
| | | | Sg | 09:38.65 | 0.03 |
| PKSV | 31.1 | 186 | Pg | 9:09:35.54 | 0.10 |
| | | | Sg | 09:39.75 | -0.02 |

781.

2021-05-28 time: 10:01:23.10 UTC ML= 1.7
 lat: 48.308N lon: 18.207E h= 0.0 km
 erh= 2.6km erz= 3.2km
 nr= 10 gap=120 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 51.0 | 66 | Pg | 10:01:32.83 | 0.63 |
| | | | Sg | 01:39.45 | 0.15 |
| MODS | 69.3 | 276 | Pg | 10:01:35.86 | 0.39 |
| | | | Sg | 01:44.17 | -0.95 |
| ZST | 82.9 | 261 | Sg | 10:01:50.94 | 1.48 |
| PKST | 117.4 | 186 | Sg | 10:01:59.51 | -0.91 |
| MORC | 170.4 | 343 | Pn | 10:01:51.04 | -0.33 |
| | | | Sn | 02:12.49 | -0.94 |
| CONA | 179.6 | 256 | Pn | 10:01:52.53 | 0.00 |
| | | | Sn | 02:14.30 | -1.19 |

782.

2021-05-28 time: 10:36:46.55 UTC ML= 1.4
 lat: 46.147N lon: 18.050E h= 0.0 km
 erh= 2.7km erz= 387km
 nr= 8 gap=255 rms=0.27
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 7.5 | 149 | Pg | 10:36:47.83 | -0.07 |
| | | | Sg | 36:49.27 | 0.32 |
| PKSV | 32.7 | 151 | Sg | 10:36:56.44 | -0.50 |
| PKSM | 46.2 | 81 | Pg | 10:36:54.93 | 0.13 |
| | | | Sg | 37:01.38 | 0.14 |
| MORH | 46.5 | 80 | Pg | 10:36:55.06 | 0.21 |
| | | | Sg | 37:01.26 | -0.07 |
| PKB5 | 72.6 | 47 | Sg | 10:37:08.93 | -0.69 |

783.

2021-05-28 time: 18:33:01.20 UTC ML= 1.0
 lat: 47.545N lon: 16.343E h= 0.0 km
 erh= 2.1km erz= 2.1km
 nr= 14 gap=196 rms=0.61
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 17.5 | 348 | PgU | 18:33:04.52 | 0.19 |
| | | | Sg | 33:06.64 | -0.13 |
| SOP | 22.3 | 46 | Pg | 18:33:05.62 | 0.44 |
| | | | Sg | 33:08.37 | 0.08 |
| CONA | 55.9 | 320 | Pg | 18:33:11.64 | 0.47 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 33:18.89 | -0.06 | |
| WINA | 65.7 | 342 | Pg | 18:33:13.43 | 0.50 |
| | | | Sg | 33:21.93 | -0.15 |
| ARSA | 70.0 | 242 | Sg | 18:33:22.76 | -0.70 |
| MODS | 115.6 | 37 | Sg | 18:33:35.01 | -2.92 |
| ABNA | 142.3 | 332 | Pn | 18:33:26.14 | 0.16 |
| | | | Sn | 33:43.84 | -1.46 |
| KRUC | 168.7 | 1 | Pn | 18:33:29.42 | 0.15 |
| | | | Sn | 33:49.35 | -1.81 |

784.

2021-05-29 time: 9:14:48.27 UTC ML= 1.3
 lat: 46.254N lon: 18.220E h= 0.0 km
 erh= 3.3km erz= 428km
 nr= 8 gap=251 rms=0.54
 Locality: Kisvaszar
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 20.6 | 207 | PgU | 9:14:52.47 | 0.52 |
| | | | Sg | 14:55.42 | 0.59 |
| PKSM | 32.9 | 98 | Pg | 9:14:54.52 | 0.38 |
| | | | Sg | 14:58.24 | -0.47 |
| MORH | 33.0 | 97 | Pg | 9:14:54.32 | 0.16 |
| | | | Sg | 14:58.43 | -0.33 |
| PKSV | 40.7 | 176 | Pg | 9:14:55.02 | -0.52 |
| | | | Sg | 14:59.74 | -1.48 |

785.

2021-05-29 time: 20:35:39.91 UTC ML= 0.7
 lat: 47.746N lon: 16.142E h= 13.2 km
 erh= 2.6km erz= 1.8km
 nr= 11 gap=107 rms=0.57
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.7 | 114 | Pg | 20:35:43.38 | 0.19 |
| | | | Sg | 35:45.06 | -0.68 |
| CONA | 29.1 | 314 | Pg | 20:35:46.12 | 0.50 |
| | | | Sg | 35:49.96 | -0.11 |
| WINA | 40.4 | 353 | Pg | 20:35:47.85 | 0.34 |
| | | | Sg | 35:52.69 | -0.74 |
| ARSA | 72.2 | 220 | Sg | 20:36:02.85 | -0.39 |
| ABNA | 115.4 | 333 | Pn | 20:35:59.66 | 0.01 |
| | | | Sn | 36:13.38 | -1.67 |
| KRUC | 147.5 | 7 | Pn | 20:36:04.48 | 0.84 |
| | | | Sn | 36:21.57 | -0.58 |

786.

2021-05-30 time: 22:31:52.89 UTC ML= 1.6
 lat: 45.528N lon: 18.386E h= 6.4 km
 erh= 3.3km erz= 1.7km
 nr= 20 gap=195 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 41.3 | 345 | Pg | 22:32:00.20 | -0.16 |
| | | | Sg | 32:05.14 | -1.05 |
| KOVH | 66.1 | 340 | Pg | 22:32:05.59 | 0.84 |
| | | | Sg | 32:14.15 | 0.16 |
| PKSM | 78.5 | 15 | Pg | 22:32:06.39 | -0.57 |
| | | | Sg | 32:17.47 | -0.46 |
| MORH | 79.0 | 15 | Pg | 22:32:06.52 | -0.52 |
| | | | Sg | 32:18.12 | 0.04 |
| PKB4 | 108.9 | 9 | Pg | 22:32:12.75 | 0.38 |
| | | | Sg | 32:27.06 | -0.51 |
| PKB3 | 117.6 | 32 | Sn | 22:32:29.76 | -0.30 |
| PKS9 | 117.9 | 356 | Pn | 22:32:14.41 | 0.59 |
| | | | Sn | 32:29.22 | -0.91 |
| PKB5 | 121.6 | 13 | Pn | 22:32:14.25 | -0.02 |

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sn | 32:31.22 | 0.28 | |
| PKS2 | 124.8 | 31 | Pn | 22:32:15.05 | 0.38 |
| | | Sn | 32:31.27 | -0.39 | |
| BLY | 128.2 | 227 | Sn | 22:32:31.52 | -0.90 |
| PKB1 | 143.1 | 13 | Pn | 22:32:18.24 | 1.29 |
| | | Sn | 32:36.39 | 0.68 | |

787.

2021-05-31 time: 0:06:34.07 UTC ML= 1.0
 lat: 47.692N lon: 16.106E h= 8.4 km
 erh= 1.6km erz= 1.4km
 nr= 19 gap= 84 rms=0.63
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 14.3 | 87 | Pg | 0:06:37.34 | 0.30 |
| | | | Sg | 06:39.10 | -0.25 |
| CONA | 32.0 | 325 | Pg | 0:06:40.29 | 0.31 |
| | | | Sg | 06:44.66 | 0.07 |
| SOP | 34.0 | 92 | Pg | 0:06:40.56 | 0.24 |
| | | | Sg | 06:44.52 | -0.68 |
| WINA | 46.2 | 357 | Pg | 0:06:42.67 | 0.21 |
| | | | Sg | 06:48.10 | -0.91 |
| ARSA | 65.9 | 222 | Pg | 0:06:45.90 | -0.03 |
| | | | Sg | 06:54.09 | -1.09 |
| MODS | 115.7 | 49 | Sn | 0:07:09.51 | -0.84 |
| ABNA | 119.8 | 335 | Pn | 0:06:54.89 | -0.07 |
| | | | Sn | 07:09.38 | -1.87 |
| KOGS | 138.7 | 175 | Sn | 0:07:15.58 | 0.12 |
| MOA | 139.0 | 277 | Pn | 0:06:58.62 | 1.26 |
| | | | Sn | 07:15.93 | 0.40 |
| KRUC | 153.8 | 8 | Pn | 0:07:00.04 | 0.83 |
| | | | Sn | 07:18.47 | -0.35 |
| BIOA | 185.2 | 270 | Pn | 0:07:07.28 | 4.15* |
| | | | Sn | 07:28.91 | 3.12* |

788.

2021-05-31 time: 5:47:17.92 UTC ML= 1.7
 lat: 47.100N lon: 17.730E h= 0.0 km
 erh= 4.6km erz= 558km
 nr= 8 gap=241 rms=0.42
 Locality: Szentgál
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MPLH | 16.4 | 298 | Pg | 5:47:20.39 | -0.47 |
| | | | Sg | 47:23.41 | 0.26 |
| PKST | 29.0 | 53 | Pg | 5:47:23.41 | 0.31 |
| | | | Sg | 47:27.64 | 0.50 |
| EGYH | 46.4 | 319 | Pg | 5:47:26.54 | 0.34 |
| | | | Sg | 47:31.80 | -0.87 |
| CSKK | 49.6 | 54 | Sg | 5:47:33.61 | -0.09 |
| PKSG | 59.6 | 57 | Sg | 5:47:36.51 | -0.35 |

789.

2021-05-31 time: 8:12:30.44 UTC ML= 1.0
 lat: 47.555N lon: 16.357E h= 0.0 km
 erh= 2.4km erz= 2.6km
 nr= 15 gap=161 rms=0.74
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| RONA | 16.7 | 344 | Pg | 8:12:33.42 | 0.00 |
| | | | Sg | 12:35.48 | -0.27 |
| SOP | 20.8 | 47 | Pg | 8:12:34.68 | 0.53 |
| | | | Sg | 12:37.00 | -0.04 |
| CONA | 55.7 | 318 | Pg | 8:12:41.33 | 0.94 |
| | | | Sg | 12:47.63 | -0.52 |
| ARSA | 71.5 | 242 | Pg | 8:12:43.77 | 0.56 |
| | | | Sg | 12:52.40 | -0.77 |

Hypocenter Parameters

Földrengés paraméterek

MODS 114.0 37 Sg 8:13:05.59 -1.10
 GROS 138.0 208 Sn 8:13:12.04 -1.54
 SOKA 140.1 226 Sn 8:13:13.25 -0.80
 ABNA 141.8 331 Pn 8:12:55.65 0.49
 Sn 13:13.09 -1.35
 MOA 160.3 282 Pn 8:12:58.55 1.08
 Sn 13:18.17 -0.38

793.

2021-05-31 time: 19:20:13.80 UTC ML= 1.9
 lat: 47.891N lon: 16.272E h= 4.0 km
 erh= 1.4km erz= 1.4km
 nr= 46 gap= 47 rms=0.87
 Locality: Austria
 Comments:

790.

2021-05-31 time: 8:40:08.13 UTC ML= 1.9
 lat: 48.557N lon: 17.361E h= 0.0 km
 erh= 1.6km erz= 2.5km
 nr= 12 gap=145 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 6.9 | 134 | Pg | 8:40:08.96 | -0.41 |
| | | | Sg | 40:09.77 | -0.56 |
| MODS | 21.4 | 197 | Pg | 8:40:12.29 | 0.35 |
| | | | Sg | 40:15.91 | 0.99 |
| ZST | 44.5 | 206 | Pg | 8:40:15.51 | -0.57 |
| | | | Sg | 40:22.06 | -0.22 |
| KRUC | 90.5 | 308 | Sg | 8:40:37.12 | 0.24 |
| VYHS | 109.2 | 94 | ePg | 8:40:28.10 | 0.48 |
| RONA | 124.0 | 220 | Pg | 8:40:30.17 | -0.11 |
| | | | Sg | 40:47.70 | 0.15 |
| CONA | 131.5 | 238 | Pn | 8:40:31.88 | 0.32 |
| | | | Sn | 40:49.85 | 0.01 |

791.

2021-05-31 time: 9:12:48.40 UTC ML= 1.5
 lat: 46.072N lon: 22.451E h= 0.8 km
 erh= 2.3km erz= 8.2km
 nr= 10 gap= 95 rms=0.71
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 40.9 | 121 | Sg | 9:13:01.35 | -0.05 |
| SIRR | 64.8 | 290 | Pg | 9:13:00.44 | 0.47 |
| | | | Sg | 13:08.98 | -0.02 |
| GZR | 79.7 | 161 | Pg | 9:13:02.75 | 0.13 |
| | | | Sg | 13:12.79 | -0.93 |
| BZS | 82.2 | 232 | Pg | 9:13:03.45 | 0.37 |
| | | | Sg | 13:13.30 | -1.24 |
| DRGR | 82.4 | 14 | Pg | 9:13:03.56 | 0.45 |
| | | | Sg | 13:12.69 | -1.90 |
| VOIR | 214.2 | 109 | Sn | 9:13:50.05 | 1.78 |

792.

2021-05-31 time: 10:39:29.61 UTC ML= 1.5
 lat: 48.507N lon: 17.492E h= 0.0 km
 erh= 1.7km erz= 2.3km
 nr= 10 gap=172 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 4.7 | 279 | PgU | 10:39:30.33 | -0.13 |
| | | | Sg | 39:30.79 | -0.33 |
| MODS | 21.8 | 227 | Pg | 10:39:33.58 | 0.08 |
| | | | Sg | 39:36.49 | -0.04 |
| VYHS | 99.3 | 91 | Sg | 10:40:01.00 | -0.19 |
| WINA | 114.3 | 247 | Pg | 10:39:50.58 | 0.56 |
| | | | Sg | 40:06.53 | 0.59 |
| RONA | 126.5 | 225 | Sg | 10:40:09.56 | -0.26 |
| CONA | 137.2 | 242 | Pn | 10:39:53.77 | 0.02 |
| | | | Sn | 40:11.54 | -1.04 |

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.4 | 175 | Pg | 19:20:17.56 | -0.12 |
| | | | Sg | 20:20.16 | -0.55 |
| WINA | 28.3 | 328 | Pg | 19:20:19.94 | 1.05 |
| | | | Sg | 20:24.22 | 1.35 |
| CONA | 31.0 | 278 | Pg | 19:20:19.30 | -0.08 |
| SOP | 31.5 | 137 | Pg | 19:20:19.70 | 0.23 |
| | | | Sg | 20:23.32 | -0.58 |
| ZST | 70.6 | 61 | Pg | 19:20:26.80 | 0.38 |
| | | | Sg | 20:36.25 | -0.02 |
| ARSA | 90.9 | 218 | Pg | 19:20:29.01 | -1.03 |
| | | | Sg | 20:40.44 | -2.27 |
| MODS | 92.0 | 54 | Pg | 19:20:29.91 | -0.34 |
| | | | Sg | 20:42.92 | -0.16 |
| EGYH | 95.5 | 124 | Pg | 19:20:30.58 | -0.28 |
| ABNA | 106.7 | 324 | Pg | 19:20:32.23 | -0.64 |
| | | | Sg | 20:45.15 | -2.59 |
| SMOL | 110.4 | 51 | Sg | 19:20:48.26 | -0.64 |
| MPLH | 124.6 | 130 | Pn | 19:20:35.69 | -0.17 |
| | | | Sn | 20:51.12 | -1.95 |
| KRUC | 130.5 | 4 | Pn | 19:20:36.10 | -0.49 |
| | | | Sn | 20:52.45 | -1.91 |
| PKST | 150.1 | 118 | Pn | 19:20:39.74 | 0.71 |
| | | | Sn | 20:59.08 | 0.37 |
| MOA | 150.2 | 268 | Pn | 19:20:39.46 | 0.41 |
| | | | Sn | 20:57.94 | -0.80 |
| A338 | 156.0 | 85 | Pn | 19:20:39.94 | 0.17 |
| KOGS | 160.5 | 181 | Sn | 19:20:59.72 | -1.30 |
| CSKK | 160.6 | 111 | Pn | 19:20:40.68 | 0.34 |
| BEHE | 162.5 | 166 | Sn | 19:21:00.70 | -0.78 |
| SOKA | 164.3 | 215 | Pn | 19:20:41.82 | 1.01 |
| | | | Sn | 21:02.72 | 0.85 |
| PERS | 164.7 | 212 | Pn | 19:20:42.37 | 1.51 |
| | | | Sn | 21:01.52 | -0.45 |
| GROS | 169.4 | 200 | Pn | 19:20:43.22 | 1.78 |
| | | | Sn | 21:03.74 | 0.74 |
| BIOA | 198.6 | 264 | Pn | 19:20:45.54 | 0.45 |
| | | | Sn | 21:08.72 | -0.77 |
| OBKA | 201.7 | 220 | Pn | 19:20:48.14 | 2.67 |
| | | | Sn | 21:10.10 | -0.06 |
| VYHS | 202.1 | 71 | ePn | 19:20:46.70 | 1.19 |
| | | | eSn | 21:12.20 | 1.95 |
| MORC | 229.5 | 24 | Pn | 19:20:49.17 | 0.24 |
| | | | Sn | 21:16.27 | -0.07 |
| KRLC | 245.7 | 9 | Pn | 19:20:51.56 | 0.60 |
| | | | Sn | 21:20.28 | 0.34 |
| LESA | 275.0 | 259 | Pn | 19:20:58.52 | 3.91* |
| | | | Sn | 21:25.97 | -0.48 |

794.

2021-06-01 time: 7:41:16.64 UTC ML= 1.4
 lat: 47.359N lon: 18.461E h= 0.0 km
 erh= 0.9km erz= 334km
 nr= 12 gap=114 rms=0.27
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.4 | 305 | Pg | 7:41:17.82 | 0.04 |
| | | | Sg | 41:18.17 | -0.51 |
| CSKK | 15.1 | 272 | Pg | 7:41:19.46 | 0.12 |
| | | | Sg | 41:21.47 | 0.03 |
| PKST | 34.1 | 251 | Pg | 7:41:22.90 | 0.17 |
| | | | Sg | 41:27.64 | 0.16 |
| PSZ | 124.4 | 60 | Pg | 7:41:39.32 | 0.47 |

Földrengés paraméterek

| | | | |
|----------------|----|------------|--------|
| | Sg | 41:55.83 | -0.35 |
| MORH 127.9 174 | Sg | 7:41:56.94 | -0.34 |
| PKSM 128.3 174 | Sg | 7:41:57.17 | -0.24 |
| VYHS 129.3 13 | Pg | 7:41:39.53 | -0.19 |
| | Sg | 41:55.24 | -2.48* |

795.

2021-06-01 time: 8:44:37.17 UTC ML= 1.8
 lat: 47.877N lon: 19.107E h= 0.0 km
 erh= 1.5km erz= 283km
 nr= 6 gap=217 rms=0.16
 Locality: Berkenye
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 16.2 | 126 | Pg | 8:44:40.11 | 0.04 |
| | | | Sg | 44:42.08 | -0.25 |
| PSZ | 59.1 | 86 | Sg | 8:44:56.21 | 0.27 |
| VYHS | 71.5 | 344 | Sg | 8:44:59.91 | 0.01 |
| KECS | 122.7 | 57 | Pg | 8:44:59.15 | 0.07 |
| | | | Sg | 45:15.88 | -0.29 |

796.

2021-06-01 time: 8:46:56.03 UTC ML= 1.6
 lat: 48.602N lon: 20.778E h= 0.0 km
 erh= 3.8km erz= 2.6km
 nr= 7 gap=207 rms=0.87
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 25.4 | 239 | Pg | 8:47:01.29 | 0.73 |
| | | | Sg | 47:04.64 | 0.55 |
| ABAH | 48.2 | 135 | Sg | 8:47:11.56 | 0.21 |
| PSZ | 100.5 | 221 | Pg | 8:47:14.56 | 0.59 |
| | | | Sg | 47:26.88 | -1.08 |
| TRPA | 140.6 | 112 | Sn | 8:47:38.01 | -1.75 |
| VYHS | 143.9 | 265 | Sn | 8:47:39.53 | -0.96 |

797.

2021-06-01 time: 9:03:21.29 UTC ML= 0.8
 lat: 47.189N lon: 18.304E h= 0.0 km
 erh= 1.7km erz= 478km
 nr= 8 gap=150 rms=0.34
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 19.6 | 350 | Pg | 9:03:24.51 | -0.28 |
| | | | Sg | 03:27.49 | -0.03 |
| PKST | 21.8 | 291 | Pg | 9:03:25.47 | 0.28 |
| | | | Sg | 03:27.94 | -0.29 |
| PKSG | 23.4 | 16 | Pg | 9:03:26.03 | 0.55 |
| | | | Sg | 03:28.29 | -0.46 |
| MORH | 111.3 | 166 | Sg | 9:03:56.40 | -0.27 |
| PKSM | 111.7 | 167 | Sg | 9:03:56.82 | 0.03 |

798.

2021-06-01 time: 9:54:29.12 UTC ML= 1.5
 lat: 47.046N lon: 18.080E h= 0.0 km
 erh= 1.1km erz= 2.7km
 nr= 19 gap= 67 rms=0.50
 Locality: Balatonkenese
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| TIH | 21.6 | 221 | Pg | 9:54:33.61 | 0.63 |
| PKST | 23.9 | 352 | Pg | 9:54:33.85 | 0.45 |
| | | | Sg | 54:36.67 | -0.06 |
| CSKK | 37.8 | 21 | Sg | 9:54:41.30 | 0.15 |

Hypocenter Parameters

| | | | |
|----------------|----|------------|-------|
| MPLH 43.3 289 | Pg | 9:54:36.67 | -0.18 |
| | Sg | 54:42.31 | -0.57 |
| PKSG 45.1 31 | Sg | 9:54:43.49 | 0.04 |
| PKB5 70.8 135 | Sg | 9:54:51.78 | 0.15 |
| PKB2 97.7 115 | Sg | 9:55:00.01 | -0.18 |
| MORH 101.9 155 | Pg | 9:54:47.72 | 0.40 |
| | Sg | 55:00.92 | -0.59 |
| PKSM 102.2 155 | Pg | 9:54:48.02 | 0.65 |
| | Sg | 55:01.12 | -0.49 |
| PKS2 106.2 125 | Sg | 9:55:02.93 | 0.04 |
| KOVH 106.5 179 | Sg | 9:55:02.23 | -0.73 |
| A338 109.7 11 | Sg | 9:55:03.74 | -0.25 |
| PKSV 129.3 174 | Sg | 9:55:08.98 | -1.25 |
| PSZ 167.7 55 | Sn | 9:55:18.45 | -0.40 |
| VYHS 170.7 19 | Sn | 9:55:18.15 | -1.38 |

799.

2021-06-01 time: 10:37:53.07 UTC ML= 1.8
 lat: 48.567N lon: 19.357E h= 0.0 km
 erh= 2.6km erz= 5.5km
 nr= 14 gap=109 rms=0.96
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 39.3 | 258 | Pg | 10:38:00.36 | 0.27 |
| | | | Sg | 38:04.64 | -0.93 |
| LANS | 65.4 | 7 | Pg | 10:38:05.60 | 0.84 |
| | | | Sg | 38:13.71 | -0.16 |
| PSZ | 82.4 | 151 | Pg | 10:38:09.07 | 1.28 |
| | | | Sg | 38:18.28 | -0.98 |
| KECS | 83.9 | 96 | Pg | 10:38:07.66 | -0.39 |
| | | | Sg | 38:18.48 | -1.25 |
| PENC | 86.5 | 184 | Sg | 10:38:19.10 | -1.46 |
| A338 | 96.5 | 231 | Sg | 10:38:23.18 | -0.58 |
| NIE | 117.8 | 36 | Pg | 10:38:14.56 | 0.45 |
| | | | Sg | 38:28.87 | -1.64 |
| ABAH | 142.5 | 102 | Pn | 10:38:19.45 | 1.58 |
| | | | Sn | 38:36.62 | -0.60 |

800.

2021-06-01 time: 11:00:05.79 UTC ML= 1.6
 lat: 48.429N lon: 17.217E h= 0.0 km
 erh= 1.9km erz= 6.1km
 nr= 11 gap=100 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 7.6 | 144 | Pg | 11:00:06.75 | -0.41 |
| | | | Sg | 00:08.07 | -0.15 |
| SMOL | 18.3 | 59 | Pg | 11:00:08.60 | -0.46 |
| | | | Sg | 00:11.87 | 0.27 |
| ZST | 27.3 | 198 | Pg | 11:00:11.44 | 0.78 |
| | | | Sg | 00:14.94 | 0.48 |
| KRUC | 92.7 | 319 | Pg | 11:00:22.83 | 0.48 |
| | | | Sg | 00:34.78 | -0.49 |
| RONA | 106.2 | 220 | Sg | 11:00:36.55 | -3.01 |
| CONA | 115.1 | 241 | Sg | 11:00:41.59 | -0.80 |
| ABNA | 134.4 | 282 | Pn | 11:00:29.78 | 0.20 |

801.

2021-06-02 time: 7:56:34.14 UTC ML= 1.0
 lat: 47.080N lon: 18.016E h= 0.0 km
 erh= 2.1km erz= 688km
 nr= 8 gap=114 rms=0.50
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.9 | 4 | Pg | 7:56:37.19 | -0.51 |
| | | | Sg | 56:40.30 | -0.18 |

Hypocenter Parameters

CSKK 36.5 30 Sg 7:56:46.13 0.38
 MPLH 37.5 285 Sg 7:56:46.73 0.66
 PKSG 44.8 39 Sg 7:56:48.44 0.06
 PKSM 107.7 154 Pg 7:56:53.99 0.61
 Sg 57:07.94 -0.45
 KOVH 110.4 177 Sg 7:57:08.60 -0.65

802.

2021-06-02 time: 8:09:35.21 UTC ML= 1.7
 lat: 46.048N lon: 22.896E h= 0.0 km
 erh= 2.3km erz= 2.9km
 nr= 14 gap=122 rms=0.76
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.3 | 178 | Pg | 8:09:38.47 | 0.00 |
| | | | Sg | 09:41.32 | 0.31 |
| GZR | 73.3 | 187 | Pg | 8:09:47.91 | -0.38 |
| | | | Sg | 09:57.25 | -1.25 |
| DRGR | 83.9 | 350 | Pg | 8:09:50.41 | 0.22 |
| | | | Sg | 10:00.45 | -1.43 |
| SIRR | 98.6 | 284 | Pg | 8:09:53.42 | 0.61 |
| | | | Sg | 10:05.61 | -0.94 |
| BZS | 110.4 | 244 | Pg | 8:09:55.45 | 0.54 |
| | | | Sg | 10:07.78 | -2.50 |
| BANR | 155.7 | 242 | Sn | 8:10:23.46 | 1.17 |
| AMBH | 170.9 | 281 | Sn | 8:10:26.63 | 0.98 |
| VOIR | 180.8 | 112 | Pn | 8:10:05.19 | 0.41 |
| | | | Sn | 10:28.18 | 0.33 |

803.

2021-06-02 time: 8:46:21.23 UTC ML= 1.7
 lat: 48.634N lon: 21.374E h= 0.0 km
 erh= 4.1km erz= 5.1km
 nr= 12 gap=105 rms=1.02
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 38.9 | 195 | Pg | 8:46:28.22 | 0.04 |
| KECS | 67.7 | 256 | Pg | 8:46:33.91 | 0.59 |
| | | | Sg | 46:41.07 | -1.67 |
| KOLS | 74.0 | 63 | Pg | 8:46:35.92 | 1.48 |
| TRPA | 102.9 | 123 | Pg | 8:46:39.46 | -0.15 |
| | | | Sg | 46:52.52 | -1.43 |
| NIE | 116.7 | 318 | Pg | 8:46:40.54 | -1.53 |
| | | | Sg | 46:57.24 | -1.09 |
| PSZ | 135.6 | 234 | Pn | 8:46:45.49 | 0.31 |
| | | | Sn | 47:02.76 | -1.09 |
| LANS | 151.1 | 292 | Pn | 8:46:47.50 | 0.40 |
| VYHS | 187.9 | 265 | Pn | 8:46:53.12 | 1.42 |

804.

2021-06-02 time: 9:25:30.22 UTC ML= 1.0
 lat: 47.210N lon: 18.284E h= 0.0 km
 erh= 3.5km erz= 534km
 nr= 8 gap=244 rms=0.50
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.1 | 354 | Pg | 9:25:33.33 | 0.05 |
| | | | Sg | 25:34.73 | -0.92 |
| PKST | 19.7 | 286 | Pg | 9:25:33.81 | 0.08 |
| | | | Sg | 25:36.11 | -0.36 |
| PKSG | 21.7 | 22 | Pg | 9:25:34.09 | -0.02 |
| | | | Sg | 25:37.65 | 0.52 |
| MPLH | 56.6 | 265 | Pg | 9:25:41.00 | 0.67 |
| | | | Sg | 25:47.13 | -1.08 |

Földrengés paraméterek

805.

2021-06-02 time: 9:32:38.38 UTC ML= 1.7
 lat: 48.908N lon: 20.708E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 9 gap=115 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 50.0 | 199 | Pg | 9:32:48.16 | 0.86 |
| | | | Sg | 32:53.78 | -0.48 |
| NIE | 63.7 | 333 | Pg | 9:32:50.71 | 0.95 |
| | | | Sg | 32:57.95 | -0.68 |
| ABAH | 78.5 | 150 | Sg | 9:33:02.76 | -0.58 |
| LANS | 94.6 | 287 | Pg | 9:32:54.84 | -0.43 |
| KOLS | 114.8 | 89 | Sg | 9:33:14.32 | -0.54 |
| PSZ | 125.4 | 209 | Pg | 9:33:01.15 | 0.37 |
| | | | Sg | 33:16.11 | -2.14 |

806.

2021-06-02 time: 9:36:17.23 UTC ML= 1.4
 lat: 48.715N lon: 20.740E h= 0.0 km
 erh= 2.7km erz= 3.1km
 nr= 7 gap=242 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 31.9 | 216 | Pg | 9:36:23.61 | 0.68 |
| | | | Sg | 36:27.43 | 0.06 |
| ABAH | 59.4 | 142 | Pg | 9:36:27.74 | -0.11 |
| | | | Sg | 36:35.43 | -0.70 |
| PSZ | 108.5 | 215 | Pg | 9:36:37.12 | 0.50 |
| | | | Sg | 36:51.05 | -0.69 |
| VYHS | 142.6 | 260 | Sn | 9:36:59.89 | -1.50 |

807.

2021-06-02 time: 10:20:19.01 UTC ML= 0.9
 lat: 48.474N lon: 19.559E h= 0.0 km
 erh= 4.9km erz= 982km
 nr= 5 gap=177 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.5 | 272 | Pg | 10:20:28.69 | 0.13 |
| | | | Sg | 20:35.57 | -0.45 |
| PSZ | 66.7 | 158 | Pg | 10:20:31.50 | 0.58 |
| | | | Sg | 20:39.64 | -0.56 |
| KECS | 68.5 | 89 | Sg | 10:20:40.38 | -0.40 |

808.

2021-06-02 time: 10:21:15.86 UTC ML= 1.1
 lat: 48.480N lon: 19.552E h= 0.0 km
 erh= 1.9km erz= 563km
 nr= 6 gap=114 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 52.9 | 272 | Pg | 10:21:25.63 | 0.32 |
| | | | Sg | 21:32.31 | -0.38 |
| PSZ | 67.4 | 158 | Pg | 10:21:28.14 | 0.24 |
| | | | Sg | 21:36.73 | -0.56 |
| KECS | 69.0 | 90 | Sg | 10:21:37.88 | 0.08 |
| LANS | 74.8 | 355 | Sg | 10:21:39.34 | -0.31 |

Földrengés paraméterek

Hypocenter Parameters

809.

2021-06-03 time: 3:26:17.63 UTC ML= 1.2
 lat: 45.945N lon: 21.670E h= 9.1 km
 erh= 3.0km erz= 2.1km
 nr= 15 gap=172 rms=0.82
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 35.9 | 359 | Pg | 3:26:24.15 | -0.09 |
| | | | Sg | 26:28.49 | -0.91 |
| BZS | 36.7 | 187 | Pg | 3:26:23.90 | -0.48 |
| | | | Sg | 26:28.54 | -1.11 |
| SURR | 41.2 | 121 | PgD | 3:26:26.00 | 0.84 |
| | | | Sg | 26:31.00 | -0.04 |
| GZR | 105.8 | 125 | Sg | 3:26:50.58 | -0.80 |
| DRGR | 123.6 | 40 | Pn | 3:26:39.92 | 1.01 |
| | | | Sn | 26:54.38 | -1.13 |
| MDVR | 129.3 | 179 | PnC | 3:26:40.29 | 0.67 |
| | | | Sn | 26:55.80 | -0.98 |
| HERR | 131.9 | 154 | PnC | 3:26:41.03 | 1.09 |
| | | | Sn | 26:56.40 | -0.94 |
| MARR | 138.1 | 54 | PnD | 3:26:41.93 | 1.22 |
| | | | Sn | 26:58.60 | -0.11 |

810.

2021-06-03 time: 5:32:15.76 UTC ML= 1.6
 lat: 47.270N lon: 18.346E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 13 gap=120 rms=1.18
 Locality: Sárkeresztos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 12.2 | 328 | Pg | 5:32:19.00 | 1.06 |
| | | | Sg | 32:20.23 | 0.59 |
| PKSG | 13.9 | 14 | Pg | 5:32:19.47 | 1.22 |
| | | | Sg | 32:19.97 | -0.22 |
| PKST | 23.6 | 267 | Pg | 5:32:21.39 | 1.41 |
| | | | Sg | 32:23.74 | 0.47 |
| TIH | 53.6 | 220 | Sg | 5:32:33.00 | 0.19 |
| SRO | 60.4 | 358 | Sg | 5:32:34.16 | -0.81 |
| EGYH | 78.4 | 282 | Pg | 5:32:29.10 | -0.66 |
| | | | Sg | 32:38.30 | -2.37 |
| A339 | 81.0 | 320 | Sg | 5:32:39.63 | -1.89 |
| A338 | 82.8 | 0 | Sg | 5:32:41.53 | -0.56 |
| PKB2 | 95.0 | 134 | Sg | 5:32:43.90 | -2.07 |

811.

2021-06-03 time: 7:22:41.71 UTC ML= 1.3
 lat: 46.355N lon: 19.008E h= 14.4 km
 erh= 1.2km erz= 1.0km
 nr= 20 gap=179 rms=0.37
 Locality: Nemesnáduvvar
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKB3 | 16.3 | 62 | Pg | 7:22:45.48 | -0.11 |
| | | | Sg | 22:47.89 | -0.73 |
| PKS2 | 21.9 | 46 | Pg | 7:22:46.59 | 0.19 |
| | | | Sg | 22:50.41 | 0.36 |
| MORH | 32.0 | 241 | Pg | 7:22:48.30 | 0.32 |
| | | | Sg | 22:52.51 | -0.35 |
| PKSM | 32.4 | 241 | Pg | 7:22:48.20 | 0.16 |
| | | | Sg | 22:52.61 | -0.37 |
| PKB5 | 33.9 | 322 | Pg | 7:22:48.22 | -0.07 |
| | | | Sg | 22:53.14 | -0.28 |
| PKB4 | 34.8 | 297 | Pg | 7:22:48.80 | 0.36 |
| | | | Sg | 22:53.57 | -0.11 |
| PKB1 | 50.5 | 341 | Pg | 7:22:51.51 | 0.42 |
| | | | Sg | 22:57.94 | -0.47 |
| PKS9 | 61.7 | 295 | Pg | 7:22:53.49 | 0.48 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 23:04.66 | 2.83* |
| KOVH | 76.1 | 247 | Pg | 7:22:55.43 | -0.10 |
| | | | Sg | 23:05.27 | -1.05 |
| PKST | 125.0 | 324 | Sn | 7:23:18.14 | -0.55 |
| BUD | 125.5 | 1 | Sn | 7:23:18.53 | -0.27 |
| BSZH | 142.4 | 42 | Sn | 7:23:22.80 | 0.26 |

812.

2021-06-03 time: 8:28:08.00 UTC ML= 1.8
 lat: 48.558N lon: 17.406E h= 0.0 km
 erh= 2.5km erz= 2.4km
 nr= 12 gap=214 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 5.2 | 161 | Pg | 8:28:08.76 | -0.17 |
| | | | Sg | 28:09.50 | -0.15 |
| MODS | 22.6 | 205 | Pg | 8:28:11.85 | -0.18 |
| | | | Sg | 28:15.56 | 0.38 |
| ZST | 46.1 | 209 | Sg | 8:28:23.55 | 0.91 |
| KRUC | 93.0 | 307 | Sg | 8:28:37.65 | 0.09 |
| RONA | 126.2 | 221 | Pg | 8:28:30.39 | -0.15 |
| | | | Sg | 28:47.36 | -0.75 |
| CONA | 134.4 | 239 | Pn | 8:28:32.09 | 0.30 |
| | | | Sn | 28:49.92 | -0.42 |
| ABNA | 146.0 | 275 | Pn | 8:28:34.25 | 1.01 |
| | | | Sn | 28:51.92 | -1.00 |

813.

2021-06-03 time: 8:49:10.97 UTC ML= 1.3
 lat: 48.589N lon: 20.734E h= 0.0 km
 erh= 1.9km erz= 4.8km
 nr= 10 gap= 90 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.8 | 237 | Pg | 8:49:15.11 | 0.26 |
| | | | Sg | 49:18.05 | 0.16 |
| ABAH | 49.6 | 131 | Pg | 8:49:20.33 | 0.50 |
| | | | Sg | 49:26.66 | -0.08 |
| PSZ | 97.2 | 220 | Sg | 8:49:41.22 | -0.63 |
| NIE | 97.3 | 342 | Pg | 8:49:29.27 | 0.92 |
| | | | Sg | 49:41.67 | -0.23 |
| LANS | 111.9 | 304 | Sg | 8:49:45.69 | -0.86 |
| KOLS | 119.5 | 71 | Sg | 8:49:47.94 | -1.01 |
| VYHS | 140.5 | 266 | Sn | 8:49:53.37 | -1.31 |

814.

2021-06-03 time: 9:15:34.26 UTC ML= 0.7
 lat: 47.209N lon: 18.277E h= 0.0 km
 erh= 3.5km erz= 384km
 nr= 6 gap=264 rms=0.23
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.1 | 356 | Pg | 9:15:37.35 | 0.03 |
| | | | Sg | 15:38.77 | -0.94 |
| PKST | 19.2 | 287 | Pg | 9:15:37.61 | -0.08 |
| | | | Sg | 15:40.58 | 0.22 |
| PKSG | 22.0 | 23 | Pg | 9:15:38.19 | 0.00 |
| | | | Sg | 15:41.48 | 0.22 |

Hypocenter Parameters

Földrengés paraméterek

815.

2021-06-03 time: 11:42:46.02 UTC ML= 1.9
 lat: 48.346N lon: 19.834E h= 0.0 km
 erh= 1.9km erz= 827km
 nr= 14 gap= 82 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PSZ | 47.7 | 175 | Pg | 11:42:55.33 | | | 0.79 |
| | | | Sg | | 43:00.95 | | -0.24 |
| KECS | 50.6 | 72 | Pg | 11:42:55.73 | | | 0.68 |
| | | | Sg | | 43:01.95 | | -0.14 |
| PENC | 74.2 | 214 | Sg | 11:43:09.00 | | | -0.61 |
| VYHS | 75.7 | 283 | Pg | 11:42:59.56 | | | 0.02 |
| | | | Sg | | 43:09.70 | | -0.39 |
| LANS | 93.5 | 343 | Sg | 11:43:14.72 | | | -1.01 |
| ABAH | 104.3 | 93 | Pg | 11:43:04.56 | | | -0.09 |
| | | | Sg | | 43:18.62 | | -0.57 |
| A338 | 116.2 | 252 | Pg | 11:43:07.54 | | | 0.77 |
| | | | Sg | | 43:21.25 | | -1.70 |
| NIE | 124.4 | 16 | Pg | 11:43:08.69 | | | 0.46 |
| | | | Sg | | 43:23.24 | | -2.32 |

816.

2021-06-04 time: 0:56:44.79 UTC ML= 1.7
 lat: 46.181N lon: 16.070E h= 12.4 km
 erh= 1.2km erz= 1.1km
 nr= 44 gap= 88 rms=0.69
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PTJ | 32.4 | 196 | Pg | 0:56:50.63 | | | -0.35 |
| | | | Sg | | 56:54.43 | | -1.38 |
| KOGS | 32.8 | 25 | Pg | 0:56:51.21 | | | 0.15 |
| | | | Sg | | 56:55.69 | | -0.26 |
| GOLS | 39.3 | 241 | iPg | 0:56:52.69 | | | 0.54 |
| | | | iSg | | 56:58.33 | | 0.45 |
| ZAG | 39.5 | 189 | Pg | 0:56:52.98 | | | 0.79 |
| | | | Sg | | 56:57.84 | | -0.12 |
| DOBS | 46.5 | 266 | iPg | 0:56:54.01 | | | 0.62 |
| | | | iSg | | 57:00.58 | | 0.48 |
| GCIS | 48.9 | 225 | iPg | 0:56:54.27 | | | 0.48 |
| | | | iSg | | 57:00.07 | | -0.74 |
| CESS | 52.3 | 244 | iSg | 0:57:02.18 | | | 0.31 |
| GROS | 53.7 | 305 | iPg | 0:56:55.20 | | | 0.56 |
| | | | iSg | | 57:02.36 | | 0.04 |
| CRES | 61.7 | 230 | Pg | 0:56:56.36 | | | 0.33 |
| | | | Sg | | 57:03.92 | | -0.88 |
| BEHE | 63.2 | 59 | Pg | 0:56:56.42 | | | 0.13 |
| | | | Sg | | 57:04.41 | | -0.84 |
| LEGS | 63.7 | 246 | iPg | 0:56:56.79 | | | 0.42 |
| | | | iSg | | 57:04.87 | | -0.53 |
| PDKS | 83.9 | 261 | iPg | 0:57:00.25 | | | 0.31 |
| | | | iSg | | 57:10.85 | | -0.91 |
| ZAVS | 85.3 | 289 | iPg | 0:57:00.42 | | | 0.23 |
| | | | iSg | | 57:10.87 | | -1.32 |
| PERS | 89.1 | 305 | iPgD | 0:57:00.73 | | | -0.12 |
| | | | iSg | | 57:11.82 | | -1.56 |
| SOKA | 97.0 | 305 | P* | 0:57:01.88 | | | -0.26 |
| | | | S* | | 57:13.99 | | -1.68 |
| BOJS | 98.4 | 220 | iP* | 0:57:03.46 | | | 1.10 |
| | | | iS* | | 57:14.78 | | -1.27 |
| VISS | 104.2 | 246 | iP* | 0:57:03.20 | | | -0.03 |
| | | | iS* | | 57:17.27 | | -0.33 |
| VNDS | 106.1 | 265 | iPn | 0:57:03.75 | | | 0.27 |
| GBRS | 121.6 | 234 | iPn | 0:57:05.98 | | | 0.57 |
| OBKA | 122.7 | 287 | Pn | 0:57:06.49 | | | 0.95 |
| | | | Sn | | 57:21.61 | | -0.11 |
| ARSA | 126.1 | 341 | Pn | 0:57:06.42 | | | 0.46 |
| | | | Sn | | 57:20.84 | | -1.64 |
| MOZS | 126.1 | 276 | iPn | 0:57:06.89 | | | 0.92 |

| | | | | | | | |
|------|-------|-----|----|------------|----------|--|-------|
| KOVH | 157.2 | 94 | Pn | 0:57:08.92 | | | -0.93 |
| | | | Sn | | 57:30.09 | | 0.70 |
| MPLH | 157.3 | 46 | Sn | 0:57:29.27 | | | -0.14 |
| RONA | 169.8 | 6 | Sn | 0:57:35.22 | | | 3.05* |
| PKSV | 172.0 | 101 | Pn | 0:57:10.66 | | | -1.04 |

817.

2021-06-04 time: 6:04:27.13 UTC ML= 0.8
 lat: 47.201N lon: 18.201E h= 0.0 km
 erh= 2.2km erz= 264km
 nr= 6 gap=263 rms=0.15
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKST | 14.2 | 297 | Pg | 6:04:29.67 | | | 0.01 |
| | | | Sg | | 04:31.52 | | -0.11 |
| CSKK | 18.5 | 14 | Pg | 6:04:30.37 | | | -0.07 |
| | | | Sg | | 04:33.28 | | 0.26 |
| PKSG | 25.6 | 34 | Pg | 6:04:31.81 | | | 0.12 |
| | | | Sg | | 04:34.90 | | -0.35 |

818.

2021-06-04 time: 6:13:33.54 UTC ML= 0.7
 lat: 47.114N lon: 18.211E h= 0.0 km
 erh= 3.8km erz= 524km
 nr= 7 gap=253 rms=0.44
 Locality: Jenő
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKST | 20.9 | 320 | Pg | 6:13:37.88 | | | 0.60 |
| | | | Sg | | 13:39.11 | | -1.08 |
| CSKK | 28.0 | 8 | Pg | 6:13:38.52 | | | -0.01 |
| | | | Sg | | 13:42.02 | | -0.41 |
| PKSG | 33.8 | 24 | Pg | 6:13:39.70 | | | 0.13 |
| | | | Sg | | 13:44.43 | | 0.16 |
| MPLH | 51.3 | 277 | Sg | 6:13:49.42 | | | -0.42 |

819.

2021-06-04 time: 7:16:54.45 UTC ML= 1.6
 lat: 46.933N lon: 22.267E h= 0.0 km
 erh= 7.5km erz= 3.8km
 nr= 8 gap=263 rms=0.65
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DRGR | 37.4 | 115 | PgU | 7:17:00.67 | | | -0.46 |
| | | | Sg | | 17:05.91 | | -0.42 |
| SIRR | 87.4 | 212 | Pg | 7:17:10.51 | | | 0.45 |
| BZS | 154.7 | 199 | Pn | 7:17:20.02 | | | -0.75 |
| | | | Sn | | 17:41.11 | | -0.19 |
| GZR | 175.6 | 167 | Pn | 7:17:24.82 | | | 1.44 |
| | | | Sn | | 17:46.61 | | 0.66 |

820.

2021-06-04 time: 8:18:57.06 UTC ML= 1.6
 lat: 48.960N lon: 19.789E h= 0.0 km
 erh= 1.5km erz= 2.1km
 nr= 12 gap= 99 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| LANS | 31.6 | 312 | Pg | 8:19:02.82 | | | 0.12 |
| | | | Sg | | 19:07.05 | | -0.05 |
| NIE | 63.7 | 37 | Pg | 8:19:09.16 | | | 0.73 |
| | | | Sg | | 19:16.72 | | -0.58 |

Földrengés paraméterek

KECS 73.8 136 Sg 8:19:19.95 -0.56
 VYHS 87.2 234 Pg 8:19:13.27 0.64
 Sg 19:24.98 0.20
 PSZ 116.2 176 Pg 8:19:18.08 0.28
 Sg 19:32.69 -1.29
 PENC 135.4 196 Sn 8:19:38.99 -0.65
 OJC 140.0 0 Sn 8:19:39.77 -0.89
 MORC 186.7 299 Sn 8:19:50.34 -0.68

821.

2021-06-04 time: 8:41:15.16 UTC ML= 1.6
 lat: 48.624N lon: 17.411E h= 0.0 km
 erh= 2.0km erz= 2.6km
 nr= 9 gap=128 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 12.3 | 174 | Pg | 8:41:17.25 | -0.11 |
| | | | Sg | 41:18.40 | -0.67 |
| MODS | 29.5 | 200 | Pg | 8:41:21.16 | 0.73 |
| | | | Sg | 41:25.24 | 0.69 |
| ZST | 52.8 | 206 | Sg | 8:41:31.98 | 0.05 |
| VYHS | 106.2 | 98 | Sg | 8:41:48.88 | -0.03 |
| MORC | 128.6 | 4 | Sg | 8:41:56.07 | 0.05 |
| RONA | 132.1 | 219 | Sn | 8:41:55.66 | -1.33 |
| CONA | 138.6 | 236 | Sn | 8:41:57.81 | -0.63 |

822.

2021-06-04 time: 11:14:40.01 UTC ML= 1.4
 lat: 48.398N lon: 18.186E h= 0.0 km
 erh= 3.1km erz= 901km
 nr= 8 gap=154 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| A337 | 34.0 | 240 | Sg | 11:14:51.86 | 1.05 |
| A338 | 44.3 | 164 | Pg | 11:14:47.98 | 0.06 |
| | | | Sg | 14:53.34 | -0.75 |
| VYHS | 49.3 | 77 | Pg | 11:14:49.54 | 0.73 |
| | | | Sg | 14:54.90 | -0.77 |
| SMOL | 57.5 | 283 | Sg | 11:14:57.84 | -0.45 |
| MODS | 67.4 | 268 | Pg | 11:14:52.22 | 0.18 |
| | | | Sg | 15:00.40 | -1.03 |

823.

2021-06-04 time: 11:44:05.09 UTC ML= 1.3
 lat: 48.555N lon: 20.759E h= 0.0 km
 erh= 2.0km erz= 595km
 nr= 8 gap= 93 rms=0.43
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.7 | 248 | Pg | 11:44:08.92 | -0.05 |
| | | | Sg | 44:11.89 | -0.11 |
| ABAH | 45.8 | 129 | Pg | 11:44:13.95 | 0.68 |
| | | | Sg | 44:18.99 | -0.65 |
| PSZ | 95.6 | 222 | Pg | 11:44:22.12 | -0.04 |
| | | | Sg | 44:35.13 | -0.35 |
| NIE | 101.4 | 341 | Pg | 11:44:23.53 | 0.32 |
| KOLS | 119.0 | 69 | Sg | 11:44:42.07 | -0.86 |

Hypocenter Parameters

824.

2021-06-04 time: 13:10:24.16 UTC ML= 1.9
 lat: 48.562N lon: 17.621E h= 0.0 km
 erh= 2.9km erz= 2.2km
 nr= 8 gap=205 rms=0.21
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 15.2 | 249 | Pg | 13:10:26.89 | 0.02 |
| | | | Sg | 10:28.72 | -0.26 |
| MODS | 32.9 | 231 | Pg | 13:10:30.22 | 0.18 |
| | | | Sg | 10:34.63 | 0.01 |
| ZST | 55.9 | 223 | Pg | 13:10:34.09 | -0.06 |
| VYHS | 90.1 | 95 | Sg | 13:10:52.49 | -0.31 |
| CONA | 148.4 | 242 | Pn | 13:10:49.97 | 0.26 |
| | | | Sn | 11:08.41 | -1.22 |

825.

2021-06-07 time: 11:00:21.43 UTC ML= 1.4
 lat: 48.549N lon: 20.802E h= 0.0 km
 erh= 1.9km erz= 3.4km
 nr= 10 gap= 93 rms=0.53
 Locality: Bódvalenke
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 24.5 | 252 | Pg | 11:00:25.47 | -0.34 |
| | | | Sg | 00:29.65 | 0.43 |
| ABAH | 42.9 | 131 | Pg | 11:00:29.23 | 0.13 |
| | | | Sg | 00:35.20 | 0.12 |
| PSZ | 97.3 | 224 | Pg | 11:00:39.18 | 0.37 |
| | | | Sg | 00:52.43 | 0.06 |
| NIE | 103.1 | 340 | Pg | 11:00:40.44 | 0.60 |
| KOLS | 116.3 | 68 | Sg | 11:00:57.75 | -0.66 |
| LANS | 118.6 | 304 | Sg | 11:00:57.25 | -1.87 |
| VYHS | 145.4 | 268 | Sn | 11:01:05.42 | -0.79 |

826.

2021-06-07 time: 17:54:12.05 UTC ML= 0.9
 lat: 47.569N lon: 16.339E h= 0.0 km
 erh= 1.0km erz= 2.2km
 nr= 14 gap=131 rms=0.42
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 14.9 | 348 | PgU | 17:54:14.84 | 0.12 |
| | | | Sg | 54:16.95 | 0.15 |
| SOP | 20.9 | 52 | Pg | 17:54:15.93 | 0.15 |
| | | | Sg | 54:18.66 | -0.03 |
| CONA | 53.7 | 318 | Pg | 17:54:21.93 | 0.29 |
| | | | Sg | 54:28.88 | -0.23 |
| WINA | 63.1 | 342 | Pg | 17:54:23.56 | 0.24 |
| | | | Sg | 54:32.49 | 0.38 |
| ARSA | 71.0 | 240 | Pg | 17:54:24.72 | -0.01 |
| | | | Sg | 54:33.95 | -0.67 |
| KOGS | 124.7 | 183 | Sg | 17:54:52.39 | 0.69 |
| ABNA | 139.8 | 331 | Pn | 17:54:36.29 | -0.24 |
| KRUC | 166.1 | 1 | Pn | 17:54:38.59 | -1.21 |
| | | | Sn | 54:59.49 | -1.95* |

827.

2021-06-08 time: 1:35:16.11 UTC ML=-0.1
 lat: 47.394N lon: 18.274E h= 4.7 km
 erh= 0.6km erz= 0.3km
 nr= 5 gap=222 rms=0.01
 Locality: Pusztavám
 Comments:

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 3.6 | 197 | Pg | 1:35:17.17 | 0.00 |
| | | | Sg | 35:17.98 | -0.01 |
| PKSG | 8.8 | 92 | Pg | 1:35:17.88 | -0.01 |
| | | | Sg | 35:19.29 | 0.01 |
| PKST | 23.6 | 230 | Sg | 1:35:23.75 | 0.01 |

828.

2021-06-08 time: 7:01:05.85 UTC ML= 1.6
 lat: 47.919N lon: 19.378E h= 0.0 km
 erh= 1.2km erz= 395km
 nr= 9 gap=117 rms=0.30
 Locality: Becske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 16.0 | 207 | Pg | 7:01:08.51 | -0.20 |
| | | | Sg | 01:11.28 | 0.34 |
| PSZ | 38.6 | 90 | Pg | 7:01:12.89 | 0.16 |
| | | | Sg | 01:18.18 | 0.07 |
| VYHS | 75.6 | 328 | Sg | 7:01:30.17 | 0.30 |
| PKSG | 94.6 | 232 | Sg | 7:01:35.36 | -0.54 |
| KECS | 103.5 | 53 | Sg | 7:01:38.28 | -0.46 |
| PKST | 124.9 | 234 | Pg | 7:01:28.45 | 0.30 |
| | | | Sg | 01:45.28 | -0.28 |

829.

2021-06-08 time: 7:57:44.86 UTC ML= 1.9
 lat: 47.331N lon: 18.478E h= 0.0 km
 erh= 1.7km erz= 4.8km
 nr= 9 gap=116 rms=0.66
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.4 | 316 | PgU | 7:57:46.83 | 0.28 |
| | | | Sg | 57:47.28 | -0.58 |
| CSKK | 16.8 | 282 | Pg | 7:57:48.59 | 0.72 |
| | | | Sg | 57:50.18 | -0.03 |
| PKST | 34.5 | 257 | Sg | 7:57:54.94 | -0.89 |
| MORH | 124.6 | 174 | Sg | 7:58:24.36 | -0.12 |
| PSZ | 124.9 | 58 | Sg | 7:58:25.16 | 0.60 |
| PKSM | 125.1 | 174 | Sg | 7:58:24.46 | -0.16 |
| VYHS | 132.0 | 12 | Sn | 7:58:24.56 | -2.13 |

830.

2021-06-08 time: 8:46:40.40 UTC ML= 1.7
 lat: 45.959N lon: 22.742E h= 0.0 km
 erh= 3.2km erz= 5.4km
 nr= 9 gap=115 rms=0.67
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 15.1 | 124 | Pg | 8:46:43.46 | 0.37 |
| | | | Sg | 46:44.21 | -0.99 |
| GZR | 63.0 | 178 | Pg | 8:46:51.82 | 0.18 |
| | | | Sg | 46:59.91 | -0.51 |
| SIRR | 90.4 | 292 | Sg | 8:47:08.72 | -0.41 |
| DRGR | 92.5 | 359 | Pg | 8:46:57.72 | 0.80 |
| | | | Sg | 47:08.07 | -1.74 |
| VOIR | 188.9 | 108 | Pn | 8:47:11.43 | 0.45 |
| | | | Sn | 47:34.52 | -0.32 |

831.

2021-06-08 time: 8:56:30.01 UTC ML= 1.5
 lat: 46.904N lon: 22.718E h= 0.0 km
 erh= 5.5km erz= 3.9km
 nr= 9 gap=261 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 12.5 | 182 | Pg | 8:56:32.11 | -0.13 |
| | | | Sg | 56:34.73 | 0.75 |
| MARR | 39.7 | 130 | PgC | 8:56:38.15 | 1.05 |
| SIRR | 107.6 | 229 | Sg | 56:41.50 | -1.14 |
| | | | Pg | 8:56:49.24 | 0.01 |
| BZS | 166.4 | 211 | Sg | 57:03.88 | -0.34 |
| | | | Sn | 8:57:20.16 | 0.70 |
| GZR | 168.0 | 178 | Pn | 8:56:57.78 | -0.21 |
| | | | Sn | 57:18.16 | -1.65 |

832.

2021-06-08 time: 9:14:53.41 UTC ML= 1.3
 lat: 46.119N lon: 18.025E h= 0.0 km
 erh= 1.9km erz= 304km
 nr= 9 gap=260 rms=0.23
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 6.7 | 121 | Pg | 9:14:54.79 | 0.18 |
| | | | Sg | 14:55.89 | 0.34 |
| PKSV | 31.1 | 146 | Pg | 9:14:58.88 | -0.09 |
| | | | Sg | 15:03.20 | -0.10 |
| PKSM | 48.7 | 78 | Pg | 9:15:01.99 | -0.12 |
| | | | Sg | 15:08.50 | -0.39 |
| MORH | 49.0 | 77 | Pg | 9:15:02.24 | 0.08 |
| | | | Sg | 15:08.61 | -0.38 |
| PKB5 | 76.1 | 46 | Sg | 9:15:18.06 | 0.47 |

833.

2021-06-09 time: 5:53:53.40 UTC ML= 1.4
 lat: 47.278N lon: 18.350E h= 0.0 km
 erh= 1.7km erz= 3.3km
 nr= 10 gap=154 rms=0.43
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.7 | 325 | Pg | 5:53:55.46 | -0.03 |
| | | | Sg | 53:56.32 | -0.80 |
| PKSG | 13.1 | 14 | Pg | 5:53:55.86 | 0.12 |
| | | | Sg | 53:58.13 | 0.57 |
| PKST | 24.0 | 265 | Pg | 5:53:57.83 | 0.14 |
| | | | Sg | 54:01.51 | 0.48 |
| MORH | 120.2 | 169 | Sg | 5:54:31.08 | -0.52 |
| PKSM | 120.5 | 169 | Sg | 5:54:31.31 | -0.41 |
| VYHS | 140.1 | 15 | Pn | 5:54:18.23 | 0.33 |
| | | | Sn | 54:35.70 | -1.31 |

834.

2021-06-09 time: 8:36:22.48 UTC ML= 1.7
 lat: 46.068N lon: 22.819E h= 0.0 km
 erh= 2.8km erz= 5.8km
 nr= 12 gap=118 rms=0.74
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|------------|-------|
| DEV | 21.6 | 162 | Pg | 8:36:26.86 | 0.53 |
| | | | Sg | 36:29.27 | -0.06 |
| GZR | 75.1 | 183 | Pg | 8:36:35.95 | 0.06 |

Földrengés paraméterek

Hypocenter Parameters

DRGR 80.8 354 Sg 36:45.49 -0.86
 Pg 8:36:37.10 0.19
 Sg 36:47.14 -1.03
 SIRR 92.3 284 Pg 8:36:40.51 1.56
 Sg 36:51.31 -0.49
 BZS 106.1 242 Pg 8:36:41.17 -0.25
 Sg 36:54.73 -1.46
 VOIR 187.2 112 Pn 8:36:53.22 0.37
 Sn 37:15.82 -0.72

835.

2021-06-09 time: 8:46:05.50 UTC ML= 1.3
 lat: 46.168N lon: 18.294E h= 0.0 km
 erh= 1.0km erz= 2.8km
 nr= 13 gap=111 rms=0.40
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 17.4 | 239 | Pg | 8:46:08.57 | -0.05 |
| | | | Sg | 46:10.89 | -0.15 |
| PKSM | 27.3 | 80 | Pg | 8:46:10.33 | -0.04 |
| | | | Sg | 46:14.51 | 0.34 |
| MORH | 27.5 | 79 | Pg | 8:46:10.38 | -0.04 |
| | | | Sg | 46:14.21 | -0.05 |
| PKSV | 31.2 | 186 | Pg | 8:46:10.99 | -0.09 |
| | | | Sg | 46:15.57 | 0.13 |
| PKS9 | 46.6 | 359 | Sg | 8:46:20.86 | 0.55 |
| PKB1 | 78.5 | 29 | Sg | 8:46:31.27 | 0.83 |
| PKB2 | 92.1 | 52 | Sg | 8:46:34.69 | -0.08 |
| PKST | 122.9 | 351 | Sg | 8:46:43.01 | -1.55 |
| PKSG | 136.2 | 3 | Sn | 8:46:46.94 | -1.32 |

836.

2021-06-09 time: 9:12:16.43 UTC ML= 2.0
 lat: 48.238N lon: 21.253E h= 0.0 km
 erh= 1.8km erz= 2.4km
 nr= 18 gap= 98 rms=0.67
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 6.5 | 351 | Pg | 9:12:17.63 | 0.04 |
| | | | Sg | 12:18.69 | 0.20 |
| KECS | 63.0 | 296 | Pg | 9:12:27.60 | -0.08 |
| | | | Sg | 12:35.19 | -1.27 |
| TRPA | 96.4 | 97 | Pg | 9:12:33.46 | -0.18 |
| | | | Sg | 12:45.85 | -1.23 |
| LTVH | 106.6 | 153 | Sg | 9:12:51.66 | 1.36 |
| PSZ | 107.3 | 251 | Pg | 9:12:35.59 | 0.01 |
| | | | Sg | 12:49.71 | -0.81 |
| KOLS | 107.9 | 44 | Pg | 9:12:36.32 | 0.63 |
| | | | Sg | 12:50.04 | -0.68 |
| NIE | 148.3 | 332 | Pn | 9:12:43.03 | 1.08 |
| | | | Sn | 13:01.02 | -0.84 |
| LANS | 166.0 | 308 | Pn | 9:12:44.93 | 0.77 |
| VYHS | 181.3 | 279 | Pn | 9:12:45.74 | -0.32 |
| | | | Sn | 13:10.19 | 1.01 |
| DRGR | 194.8 | 146 | Pn | 9:12:47.58 | -0.17 |
| | | | Sn | 13:11.34 | -0.84 |

837.

2021-06-09 time: 9:57:38.34 UTC ML= 0.9
 lat: 47.223N lon: 18.248E h= 0.0 km
 erh= 2.6km erz= 327km
 nr= 6 gap=254 rms=0.19
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| CSKK | 15.6 | 3 | Pg | 9:57:41.46 | 0.34 |
| | | | Sg | 57:43.33 | 0.03 |

PKST 16.7 284 Pg 9:57:41.31 0.00
 Sg 57:43.38 -0.25
 PKSG 21.6 30 Pg 9:57:42.02 -0.18
 Sg 57:45.19 -0.03

838.

2021-06-09 time: 10:00:47.43 UTC ML= 1.6
 lat: 48.119N lon: 16.931E h= 0.0 km
 erh= 1.9km erz= 3.7km
 nr= 15 gap= 83 rms=0.64
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 15.4 | 56 | Pg | 10:00:50.64 | 0.46 |
| | | | Sg | 00:52.70 | 0.38 |
| MODS | 38.3 | 42 | Pg | 10:00:54.61 | 0.34 |
| | | | Sg | 00:59.07 | -0.52 |
| SMOL | 57.4 | 40 | Sg | 10:01:05.24 | -0.43 |
| WINA | 63.9 | 269 | Pg | 10:00:58.97 | 0.12 |
| RONA | 66.5 | 226 | Pg | 10:00:59.83 | 0.51 |
| | | | Sg | 01:07.81 | -0.77 |
| CONA | 82.6 | 255 | Pg | 10:01:02.44 | 0.26 |
| | | | Sg | 01:13.69 | 0.01 |
| KRUC | 112.1 | 339 | Sg | 10:01:21.71 | -1.35 |
| MPLH | 114.9 | 157 | Sg | 10:01:23.22 | -0.75 |
| PKST | 126.5 | 139 | Sg | 10:01:26.03 | -1.60 |
| ARSA | 143.2 | 228 | Pn | 10:01:13.41 | 1.09 |
| | | | Sn | 01:30.98 | -0.75 |

839.

2021-06-09 time: 15:36:02.71 UTC ML= 1.8
 lat: 47.557N lon: 16.323E h= 0.0 km
 erh= 1.6km erz= 1.9km
 nr= 22 gap= 67 rms=0.78
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.9 | 353 | PgU | 15:36:05.62 | 0.07 |
| | | | Sg | 36:07.90 | 0.13 |
| CONA | 53.8 | 320 | Pg | 15:36:13.25 | 0.94 |
| | | | Sg | 36:18.27 | -1.54 |
| WINA | 63.9 | 343 | Pg | 15:36:14.82 | 0.70 |
| | | | Sg | 36:23.50 | 0.47 |
| ARSA | 69.3 | 241 | Pg | 15:36:16.01 | 0.93 |
| MPLH | 101.5 | 115 | Sg | 15:36:35.27 | 0.29 |
| MODS | 115.4 | 38 | Pg | 15:36:23.29 | -0.03 |
| | | | Sg | 36:38.15 | -1.24 |
| KOGS | 123.4 | 183 | Pg | 15:36:25.17 | 0.42 |
| | | | Sg | 36:41.29 | -0.65 |
| PKST | 133.4 | 104 | Pn | 15:36:26.73 | 0.36 |
| | | | Sn | 36:44.50 | -0.33 |
| GROS | 136.9 | 207 | Sn | 15:36:44.45 | -1.17 |
| PERS | 137.4 | 222 | Pn | 15:36:26.83 | -0.04 |
| | | | Sn | 36:44.35 | -1.37 |
| SOKA | 138.3 | 225 | Sn | 15:36:44.45 | -1.48 |
| MOA | 157.7 | 282 | Pn | 15:36:30.58 | 1.17 |
| | | | Sn | 36:49.56 | -0.67 |
| KRUC | 167.4 | 2 | Pn | 15:36:30.12 | -0.49 |
| | | | Sn | 36:50.61 | -1.76 |

840.

2021-06-10 time: 7:14:20.51 UTC ML= 1.8
 lat: 47.723N lon: 18.683E h= 0.0 km
 erh= 2.8km erz= 4.2km
 nr= 20 gap=100 rms=1.05
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|------------|------|
| SRO | 29.5 | 290 | Pg | 7:14:26.41 | 0.64 |

Hypocenter Parameters

Földrengés paraméterek

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|------------|----|-------|-----|
| A338 | 40.8 | 323 | Sg | 14:29.87 | | 0.00 | |
| PKSG | 42.9 | 211 | Sg | 7:14:33.79 | | 0.31 | |
| | | | Pg | 7:14:28.72 | | 0.55 | |
| | | | Sg | 14:34.19 | | 0.05 | |
| PENC | 45.5 | 81 | Sg | 7:14:33.49 | | -1.49 | |
| CSKK | 51.1 | 218 | Pg | 7:14:29.98 | | 0.34 | |
| PKST | 71.1 | 223 | Pg | 7:14:33.48 | | 0.28 | |
| | | | Sg | 14:42.33 | | -0.77 | |
| VYHS | 86.5 | 8 | ePg | 7:14:40.60 | | 4.65 | |
| | | | eSg | 14:49.30 | | 1.31 | |
| MPLH | 105.9 | 235 | Pg | 7:14:39.91 | | 0.49 | |
| | | | Sg | 14:52.97 | | -1.20 | |
| EGYH | 107.2 | 251 | Sg | 7:14:53.68 | | -0.90 | |
| MODS | 127.3 | 305 | Sg | 7:14:58.30 | | -2.68 | |
| MORH | 167.6 | 181 | Pn | 7:14:49.06 | | 0.62 | |
| | | | Sn | 15:07.94 | | -2.29 | |
| PKSM | 168.0 | 181 | Pn | 7:14:48.86 | | 0.36 | |
| | | | Sn | 15:08.44 | | -1.88 | |
| KOVH | 187.1 | 194 | Sn | 7:15:14.97 | | 0.42 | |

841.

2021-06-10 time: 8:43:52.11 UTC ML= 2.0
lat: 48.330N lon: 19.005E h= 0.0 km
erh= 1.7km erz= 2.6km
nr= 17 gap= 55 rms=0.76
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| VYHS | 22.1 | 326 | Pg | 8:43:56.55 | | 0.50 | |
| | | | Sg | 43:59.57 | | 0.44 | |
| A338 | 59.8 | 234 | Sg | 8:44:11.62 | | 0.50 | |
| PENC | 63.4 | 161 | Sg | 8:44:12.57 | | 0.30 | |
| PSZ | 80.5 | 125 | Pg | 8:44:07.19 | | 0.71 | |
| | | | Sg | 44:17.74 | | 0.04 | |
| LANS | 97.4 | 20 | Pg | 8:44:09.75 | | 0.25 | |
| | | | Sg | 44:21.56 | | -1.50 | |
| KECS | 111.0 | 81 | Pg | 8:44:12.62 | | 0.70 | |
| | | | Sg | 44:26.18 | | -1.19 | |
| PKSG | 114.0 | 204 | Sg | 8:44:27.38 | | -0.96 | |
| CSKK | 121.1 | 207 | Sg | 8:44:29.54 | | -1.05 | |
| MODS | 128.1 | 272 | Sg | 8:44:30.94 | | -1.89 | |
| PKST | 139.5 | 211 | Sn | 8:44:34.81 | | -0.78 | |
| NIE | 154.5 | 38 | Sn | 8:44:38.73 | | -0.19 | |
| ABAH | 165.8 | 91 | Sn | 8:44:41.34 | | -0.09 | |
| MPLH | 169.4 | 220 | Sn | 8:44:42.94 | | 0.71 | |

842.

2021-06-10 time: 8:52:11.14 UTC ML= 1.7
lat: 48.235N lon: 21.263E h= 0.0 km
erh= 1.7km erz= 2.3km
nr= 8 gap=154 rms=0.37
Locality: Tállya
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| ABAH | 7.0 | 346 | Pg | 8:52:12.70 | | 0.32 | |
| | | | Sg | 52:13.50 | | 0.15 | |
| KECS | 63.8 | 296 | Sg | 8:52:30.87 | | -0.56 | |
| TRPA | 95.6 | 97 | Sg | 8:52:41.27 | | -0.27 | |
| PSZ | 107.9 | 251 | Pg | 8:52:30.72 | | 0.32 | |
| | | | Sg | 52:45.08 | | -0.35 | |
| NIE | 148.9 | 332 | Sn | 8:52:56.03 | | -0.69 | |
| LANS | 166.8 | 308 | Sn | 8:53:00.95 | | 0.27 | |

843.

2021-06-10 time: 9:05:37.49 UTC ML= 1.6
lat: 45.537N lon: 17.504E h= 16.3 km
erh= 3.4km erz= 1.2km
nr= 11 gap=225 rms=0.26
Locality: Croatia
Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PKSV | 70.1 | 56 | Pg | 9:05:50.30 | | -0.05 | |
| | | | Sg | 06:00.75 | | 0.37 | |
| KOVH | 76.8 | 37 | P* | 9:05:51.01 | | -0.39 | |
| | | | S* | 06:02.46 | | 0.21 | |
| PKSM | 115.9 | 50 | Pn | 9:05:56.93 | | 0.04 | |
| | | | Sn | 06:12.05 | | 0.03 | |
| MORH | 116.3 | 50 | Pn | 9:05:56.93 | | -0.02 | |
| | | | Sn | 06:12.10 | | -0.02 | |
| PTJ | 127.0 | 289 | Sn | 9:06:14.29 | | -0.20 | |
| CRES | 162.7 | 281 | Pn | 9:06:03.37 | | 0.64 | |
| | | | Sn | 06:22.09 | | -0.33 | |

844.

2021-06-10 time: 9:40:28.66 UTC ML= 1.6
lat: 46.911N lon: 22.299E h= 0.0 km
erh= 5.9km erz= 3.4km
nr= 6 gap=258 rms=0.49
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| DRGR | 34.2 | 113 | Pg | 9:40:34.31 | | -0.45 | |
| | | | Sg | 40:39.63 | | 0.11 | |
| SIRR | 86.7 | 214 | Pg | 9:40:43.95 | | -0.19 | |
| | | | Sg | 40:56.03 | | -0.19 | |
| GZR | 172.7 | 168 | Pn | 9:40:58.34 | | 1.11 | |
| | | | Sn | 41:19.93 | | 0.42 | |

845.

2021-06-10 time: 9:51:01.57 UTC ML= 1.0
lat: 47.195N lon: 18.344E h= 0.0 km
erh= 1.8km erz= 3.5km
nr= 12 gap=113 rms=0.55
Locality: Székesfehérvár
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| CSKK | 19.8 | 341 | Pg | 9:51:05.50 | | 0.40 | |
| | | | Sg | 51:07.41 | | -0.44 | |
| PKSG | 22.2 | 9 | Pg | 9:51:05.70 | | 0.17 | |
| | | | Sg | 51:09.31 | | 0.69 | |
| PKST | 24.5 | 287 | Pg | 9:51:05.30 | | -0.65 | |
| | | | Sg | 51:08.61 | | -0.76 | |
| MPLH | 61.1 | 267 | Pg | 9:51:13.13 | | 0.66 | |
| | | | Sg | 51:21.36 | | 0.38 | |
| PKSM | 111.6 | 168 | Sg | 9:51:37.03 | | -0.01 | |
| KOVH | 124.4 | 189 | Sg | 9:51:40.74 | | -0.37 | |
| PSZ | 141.7 | 55 | Sn | 9:51:45.16 | | -0.38 | |
| VYHS | 149.1 | 14 | Sn | 9:51:45.16 | | -2.01 | |

846.

2021-06-10 time: 10:15:03.25 UTC ML= 1.5
lat: 48.418N lon: 17.182E h= 0.0 km
erh= 1.2km erz= 2.8km
nr= 10 gap= 80 rms=0.36
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| MODS | 8.6 | 125 | Pg | 10:15:04.56 | | -0.22 | |
| | | | Sg | 15:06.47 | | 0.49 | |
| SMOL | 21.1 | 60 | Pg | 10:15:06.62 | | -0.40 | |
| | | | Sg | 15:10.14 | | 0.17 | |
| ZST | 25.3 | 193 | Sg | 10:15:11.74 | | 0.43 | |
| KRUC | 92.1 | 321 | Pg | 10:15:20.13 | | 0.44 | |
| | | | Sg | 15:32.10 | | -0.42 | |
| RONA | 103.6 | 220 | Sg | 10:15:35.79 | | -0.40 | |
| CONA | 112.3 | 241 | Sg | 10:15:38.81 | | -0.13 | |
| MORC | 153.4 | 10 | Sn | 10:15:50.15 | | 0.33 | |

Földrengés paraméterek

Hypocenter Parameters

847.

 2021-06-10 time: 14:48:14.55 UTC ML= 1.1
 lat: 47.310N lon: 18.064E h= 12.1 km
 erh= 3.3km erz= 2.4km
 nr= 12 gap=180 rms=0.68
 Locality: Szápár
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKST | 6.1 | 202 | Pg | 14:48:16.41 | | | -0.55 |
| | | | Sg | | 48:17.44 | | -1.41 |
| CSKK | 16.0 | 68 | Pg | 14:48:18.21 | | | 0.08 |
| | | | Sg | | 48:20.73 | | -0.19 |
| PKSG | 26.3 | 70 | Pg | 14:48:19.67 | | | -0.05 |
| | | | Sg | | 48:23.56 | | -0.19 |
| MPLH | 42.6 | 249 | Pg | 14:48:23.26 | | | 0.80 |
| | | | Sg | | 48:28.74 | | 0.11 |
| PKB1 | 80.5 | 137 | Pg | 14:48:30.37 | | | 1.29 |
| | | | Sg | | 48:40.28 | | -0.13 |
| MORH | 129.4 | 160 | Sn | 14:48:51.94 | | | -1.10 |
| PKSM | 129.8 | 160 | Sn | 14:48:52.71 | | | -0.41 |

848.

 2021-06-11 time: 6:15:18.86 UTC ML= 0.7
 lat: 47.831N lon: 16.021E h= 0.0 km
 erh= 1.3km erz= 7.5km
 nr= 8 gap=114 rms=0.43
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CONA | 16.1 | 312 | Pg | 6:15:21.44 | | | -0.29 |
| | | | Sg | | 15:23.80 | | -0.17 |
| RONA | 25.3 | 125 | Pg | 6:15:23.19 | | | -0.20 |
| | | | Sg | | 15:26.91 | | 0.00 |
| WINA | 31.0 | 7 | Pg | 6:15:24.81 | | | 0.41 |
| | | | Sg | | 15:29.25 | | 0.54 |
| ARSA | 74.6 | 210 | Sg | 6:15:42.83 | | | 0.25 |
| KRUC | 139.6 | 11 | Sn | 6:15:58.74 | | | -3.64 |

849.

 2021-06-11 time: 8:01:48.59 UTC ML= 1.3
 lat: 47.968N lon: 16.609E h= 0.0 km
 erh= 3.6km erz= 6.1km
 nr= 12 gap=163 rms=0.98
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| RONA | 38.0 | 218 | Pg | 8:01:55.82 | | | 0.45 |
| | | | Sg | | 02:00.04 | | -0.62 |
| WINA | 42.9 | 291 | Pg | 8:01:57.77 | | | 1.53 |
| | | | Sg | | 02:03.81 | | 1.60 |
| ZST | 44.6 | 55 | eSg | 8:02:02.60 | | | -0.17 |
| CONA | 56.0 | 265 | Pg | 8:01:59.04 | | | 0.45 |
| | | | Sg | | 02:05.16 | | -1.24 |
| MODS | 67.1 | 48 | Pg | 8:02:00.54 | | | -0.02 |
| | | | Sg | | 02:09.08 | | -0.82 |
| ARSA | 114.2 | 226 | Sg | 8:02:23.54 | | | -1.35 |
| KRUC | 122.6 | 353 | Sg | 8:02:25.35 | | | -2.21 |
| MOA | 175.7 | 266 | Sn | 8:02:40.46 | | | 0.36 |

850.

 2021-06-11 time: 8:40:37.90 UTC ML= 1.9
 lat: 45.646N lon: 17.307E h= 0.0 km
 erh= 2.3km erz= 4.3km
 nr= 17 gap=116 rms=0.82
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSV | 78.3 | 70 | Pg | 8:40:52.79 | | | 0.90 |
| | | | Sg | | 41:02.25 | | -0.54 |
| KOVH | 78.8 | 51 | Pg | 8:40:52.41 | | | 0.44 |
| | | | Sg | | 41:02.34 | | -0.61 |
| BLY | 100.1 | 186 | Pg | 8:40:56.07 | | | 0.28 |
| | | | Sg | | 41:09.68 | | -0.05 |
| BEHE | 100.5 | 336 | Pg | 8:40:57.54 | | | 1.70 |
| PTJ | 108.7 | 285 | Pg | 8:40:57.65 | | | 0.34 |
| | | | Sg | | 41:10.81 | | -1.64 |
| KOGS | 121.0 | 317 | Pg | 8:41:00.21 | | | 0.69 |
| | | | Sg | | 41:15.06 | | -1.32 |
| PKSM | 121.1 | 59 | Pg | 8:40:59.50 | | | -0.03 |
| | | | Sg | | 41:15.20 | | -1.20 |
| MORH | 121.5 | 59 | Pg | 8:40:59.40 | | | -0.20 |
| | | | Sg | | 41:15.20 | | -1.33 |
| CRES | 145.4 | 278 | Pn | 8:41:02.99 | | | -0.08 |
| | | | Sn | | 41:21.40 | | -1.30 |

851.

 2021-06-11 time: 12:05:16.42 UTC ML= 1.2
 lat: 47.575N lon: 16.329E h= 0.0 km
 erh= 5.2km erz= 6.2km
 nr= 11 gap=184 rms=1.13
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 14.1 | 350 | PgU | 12:05:19.30 | | | 0.36 |
| | | | Sg | | 05:21.36 | | 0.45 |
| SOP | 21.0 | 55 | Sg | 12:05:23.14 | | | 0.04 |
| CONA | 52.7 | 318 | Pg | 12:05:26.68 | | | 0.85 |
| | | | Sg | | 05:33.94 | | 0.77 |
| WINA | 62.2 | 342 | Pg | 12:05:27.32 | | | -0.22 |
| | | | Sg | | 05:34.71 | | -1.50 |
| ARSA | 70.7 | 239 | Sg | 12:05:34.96 | | | -3.94 |
| MODS | 113.6 | 39 | Pg | 12:05:37.80 | | | 1.09 |
| | | | Sg | | 05:51.91 | | -0.61 |
| KRUC | 165.4 | 2 | Sn | 12:06:03.50 | | | -2.16 |

852.

 2021-06-11 time: 12:53:06.25 UTC ML= 0.9
 lat: 45.999N lon: 18.515E h= 0.0 km
 erh= 5.0km erz= 905km
 nr= 11 gap=217 rms=0.80
 Locality: Versend
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PKSV | 23.8 | 239 | Pg | 12:53:10.65 | | | 0.14 |
| | | | Sg | | 53:13.85 | | 0.02 |
| PKSM | 25.6 | 22 | Pg | 12:53:10.89 | | | 0.07 |
| | | | Sg | | 53:13.29 | | -1.10 |
| MORH | 26.1 | 22 | Pg | 12:53:10.89 | | | -0.02 |
| | | | Sg | | 53:13.56 | | -0.98 |
| KOVH | 33.7 | 287 | Pg | 12:53:11.86 | | | -0.41 |
| | | | Sg | | 53:16.31 | | -0.64 |
| PKB5 | 68.4 | 14 | Pg | 12:53:20.48 | | | 2.01 |
| | | | Sg | | 53:26.87 | | -1.12 |
| PKB1 | 89.9 | 14 | Pg | 12:53:22.99 | | | 0.69 |

853.

 2021-06-12 time: 5:10:03.92 UTC ML= 0.9
 lat: 47.428N lon: 18.527E h= 7.5 km
 erh= 1.9km erz= 1.0km
 nr= 8 gap=280 rms=0.17
 Locality: Vértesboglár
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 11.1 | 249 | Pg | 5:10:06.46 | | | 0.16 |
| | | | Sg | | 10:07.94 | | -0.23 |

Hypocenter Parameters

CSKK 21.4 250 Pg 5:10:07.81 -0.16
 Sg 10:11.05 -0.07
 PKST 41.7 243 Sg 5:10:17.79 0.40
 PKB5 93.9 170 Sg 5:10:33.87 0.00
 MORH 135.0 176 Sn 5:10:44.60 -0.11
 PKSM 135.5 176 Sn 5:10:44.91 0.11

854.

2021-06-12 time: 8:41:47.18 UTC ML= 1.4
 lat: 46.193N lon: 18.279E h= 0.0 km
 erh= 1.3km erz= 4.5km
 nr= 9 gap=134 rms=0.35
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 18.0 | 230 | Pg | 8:41:50.43 | 0.03 |
| | | | Sg | 41:53.54 | 0.62 |
| PKSM | 28.1 | 86 | Pg | 8:41:52.28 | 0.09 |
| | | | Sg | 41:55.86 | -0.24 |
| MORH | 28.3 | 85 | Pg | 8:41:52.45 | 0.21 |
| | | | Sg | 41:56.25 | 0.07 |
| PKSV | 33.9 | 183 | Pg | 8:41:53.01 | -0.22 |
| | | | Sg | 41:57.54 | -0.40 |
| PKSG | 133.6 | 4 | Sn | 8:42:26.57 | -2.78 |

855.

2021-06-13 time: 0:47:50.40 UTC ML= 0.8
 lat: 47.753N lon: 16.156E h= 11.9 km
 erh= 1.6km erz= 1.3km
 nr= 14 gap=101 rms=0.42
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 12.1 | 120 | Pg | 0:47:53.62 | 0.18 |
| | | | Sg | 47:55.53 | -0.28 |
| CONA | 29.4 | 311 | Pg | 0:47:56.28 | 0.22 |
| | | | Sg | 48:00.40 | -0.08 |
| SOP | 31.2 | 104 | Pg | 0:47:56.48 | 0.12 |
| | | | Sg | 48:00.70 | -0.32 |
| WINA | 39.8 | 351 | Pg | 0:47:58.16 | 0.33 |
| | | | Sg | 48:03.01 | -0.61 |
| ARSA | 73.5 | 220 | Pg | 0:48:03.68 | -0.01 |
| | | | Sg | 48:12.34 | -1.72 |
| ABNA | 115.3 | 332 | Pn | 0:48:10.85 | 0.57 |
| | | | Sn | 48:24.85 | -0.93 |
| KRUC | 146.6 | 7 | Pn | 0:48:14.60 | 0.42 |
| | | | Sn | 48:32.03 | -0.70 |

856.

2021-06-14 time: 6:37:20.99 UTC ML= 1.5
 lat: 47.292N lon: 17.642E h= 0.0 km
 erh= 0.7km erz= 0.9km
 nr= 9 gap=156 rms=0.62
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 15.6 | 210 | Pg | 6:37:24.25 | 0.48 |
| | | | Sg | 37:26.91 | 0.96 |
| EGYH | 27.3 | 301 | Pg | 6:37:25.91 | 0.04 |
| | | | Sg | 37:28.92 | -0.75 |
| PKST | 29.9 | 97 | Pg | 6:37:26.62 | 0.30 |
| | | | Sg | 37:30.83 | 0.35 |
| KOVH | 138.3 | 165 | Sn | 6:38:03.10 | -1.10 |
| MORH | 142.0 | 147 | Sn | 6:38:03.91 | -1.11 |
| PKSM | 142.2 | 148 | Sn | 6:38:04.31 | -0.77 |

Földrengés paraméterek

857.

2021-06-14 time: 9:03:27.75 UTC ML= 1.6
 lat: 48.540N lon: 20.811E h= 0.0 km
 erh= 3.1km erz= 3.5km
 nr= 7 gap=223 rms=0.42
 Locality: Bódvalenke
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.9 | 255 | Pg | 9:03:32.36 | 0.17 |
| | | | Sg | 03:35.74 | 0.08 |
| ABAH | 41.7 | 131 | Sg | 9:03:40.74 | -0.27 |
| PSZ | 97.0 | 225 | Pg | 9:03:45.56 | 0.48 |
| | | | Sg | 03:58.16 | -0.44 |
| VYHS | 146.0 | 268 | Pn | 9:03:52.82 | -0.17 |
| | | | Sn | 04:10.75 | -1.93 |

858.

2021-06-14 time: 9:10:05.98 UTC ML= 0.9
 lat: 47.198N lon: 18.295E h= 0.0 km
 erh= 1.0km erz= 1.7km
 nr= 9 gap=123 rms=0.48
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.5 | 352 | Pg | 9:10:09.39 | 0.11 |
| | | | Sg | 10:11.83 | -0.03 |
| PKST | 20.8 | 289 | Pg | 9:10:09.95 | 0.25 |
| | | | Sg | 10:11.98 | -0.62 |
| PKSG | 22.7 | 19 | Pg | 9:10:10.30 | 0.27 |
| | | | Sg | 10:13.71 | 0.51 |
| MORH | 112.4 | 166 | Sg | 9:10:41.75 | 0.03 |
| PSZ | 144.6 | 56 | Sn | 9:10:49.49 | -1.10 |
| VYHS | 149.7 | 16 | Sn | 9:10:49.79 | -1.93 |

859.

2021-06-14 time: 9:13:57.96 UTC ML= 1.9
 lat: 48.405N lon: 19.102E h= 0.0 km
 erh= 1.2km erz= 1.6km
 nr= 19 gap= 55 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 22.0 | 297 | Pg | 9:14:02.26 | 0.38 |
| | | | Sg | 14:05.28 | 0.34 |
| PENC | 69.7 | 169 | Sg | 9:14:20.05 | -0.05 |
| A338 | 70.6 | 232 | Sg | 9:14:21.61 | 1.21 |
| | | | Pg | 9:14:12.49 | 0.23 |
| PSZ | 80.1 | 133 | Sg | 14:23.07 | -0.34 |
| | | | Pg | 9:14:13.85 | 0.34 |
| LANS | 87.1 | 18 | Sg | 14:25.13 | -0.52 |
| KECS | 102.8 | 85 | Sg | 9:14:30.12 | -0.50 |
| PKSG | 124.6 | 205 | Pg | 9:14:20.45 | 0.24 |
| | | | Sg | 14:36.57 | -1.00 |
| CSKK | 131.9 | 208 | Sn | 9:14:38.49 | -1.25 |
| MODS | 135.2 | 269 | Pn | 9:14:21.76 | -0.08 |
| | | | Sn | 14:38.89 | -1.59 |
| NIE | 143.5 | 38 | Pn | 9:14:23.67 | 0.79 |
| | | | Sn | 14:41.61 | -0.71 |
| ZST | 150.1 | 261 | Sn | 9:14:43.93 | 0.13 |
| MORC | 190.3 | 323 | Pn | 9:14:28.61 | -0.11 |
| | | | Sn | 14:51.99 | -0.73 |

Földrengés paraméterek

Hypocenter Parameters

860.

2021-06-14 time: 13:58:35.20 UTC ML= 1.5
 lat: 47.853N lon: 16.018E h= 0.0 km
 erh= 2.3km erz= 3.1km
 nr= 15 gap= 80 rms=0.91
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CONA | 14.4 | 306 | Pg | 13:58:38.74 | | | 0.97 |
| | | | Sg | 58:41.76 | | | 1.98 |
| RONA | 26.9 | 129 | Pg | 13:58:40.44 | | | 0.43 |
| | | | Sg | 58:43.97 | | | 0.21 |
| ARSA | 76.6 | 209 | Pg | 13:58:48.85 | | | -0.04 |
| | | | Sg | 58:58.79 | | | -0.77 |
| ABNA | 100.8 | 334 | Pg | 13:58:52.95 | | | -0.24 |
| | | | Sg | 59:06.66 | | | -0.57 |
| MODS | 110.2 | 58 | Sg | 13:59:10.07 | | | -0.16 |
| MOA | 131.1 | 270 | Pn | 13:58:57.66 | | | -0.93 |
| | | | Sn | 59:15.28 | | | -1.55 |
| KRUC | 137.3 | 12 | Pn | 13:58:58.88 | | | -0.47 |
| | | | Sn | 59:16.21 | | | -1.98 |
| BIOA | 179.3 | 264 | Pn | 13:59:06.43 | | | 1.84 |
| | | | Sn | 59:28.05 | | | 0.54 |

861.

2021-06-15 time: 5:00:40.29 UTC ML= 1.2
 lat: 47.548N lon: 16.358E h= 0.0 km
 erh= 3.5km erz= 3.5km
 nr= 14 gap=197 rms=0.93
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| RONA | 17.5 | 345 | PgU | 5:00:43.66 | | | 0.25 |
| | | | Sg | 00:45.98 | | | 0.14 |
| SOP | 21.3 | 45 | Pg | 5:00:44.77 | | | 0.68 |
| | | | Sg | 00:47.59 | | | 0.53 |
| CONA | 56.3 | 319 | Pg | 5:00:51.36 | | | 1.02 |
| | | | Sg | 00:57.37 | | | -0.82 |
| ARSA | 71.1 | 242 | Pg | 5:00:53.36 | | | 0.37 |
| | | | Sg | 01:01.79 | | | -1.11 |
| MODS | 114.7 | 37 | Pg | 5:01:00.77 | | | 0.01 |
| | | | Sg | 01:14.07 | | | -2.66 |
| ABNA | 142.5 | 331 | Pn | 5:01:05.33 | | | 0.24 |
| | | | Sn | 01:22.63 | | | -1.81 |
| MOA | 160.5 | 282 | Pn | 5:01:08.06 | | | 0.72 |
| KRUC | 168.4 | 1 | Sn | 5:01:28.12 | | | -2.05 |

862.

2021-06-15 time: 8:23:56.97 UTC ML= 1.7
 lat: 48.709N lon: 18.699E h= 0.0 km
 erh= 3.6km erz= 3.6km
 nr= 15 gap= 92 rms=1.14
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 26.0 | 157 | Pg | 8:24:01.97 | | | 0.36 |
| | | | Sg | 24:05.29 | | | 0.06 |
| SMOL | 96.2 | 257 | Sg | 8:24:28.01 | | | 0.47 |
| MODS | 111.4 | 250 | Pg | 8:24:17.38 | | | 0.51 |
| | | | Sg | 24:31.83 | | | -0.56 |
| PSZ | 124.9 | 135 | Pg | 8:24:19.00 | | | -0.27 |
| | | | Sg | 24:34.97 | | | -1.70 |
| ZST | 131.2 | 244 | Sn | 8:24:36.98 | | | -1.62 |
| KECS | 134.2 | 101 | Pn | 8:24:21.76 | | | 1.03 |
| | | | Sn | 24:38.69 | | | -0.58 |
| NIE | 141.9 | 56 | Pn | 8:24:24.54 | | | 2.84 |
| MORC | 145.6 | 325 | Pn | 8:24:21.67 | | | -0.49 |
| | | | Sn | 24:39.85 | | | -1.95 |
| PKSG | 148.3 | 189 | Sn | 8:24:41.01 | | | -1.39 |

PKST 168.7 197 Sn 8:24:47.61 0.67

863.

2021-06-15 time: 8:38:50.18 UTC ML= 1.7
 lat: 47.329N lon: 18.451E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 11 gap=114 rms=0.46
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 8.3 | 326 | PgU | 8:38:51.65 | | | -0.02 |
| | | | Sg | 38:52.36 | | | -0.46 |
| CSKK | 14.9 | 285 | Pg | 8:38:53.13 | | | 0.29 |
| | | | Sg | 38:54.79 | | | -0.13 |
| PKST | 32.5 | 256 | Pg | 8:38:56.42 | | | 0.43 |
| | | | Sg | 39:00.17 | | | -0.34 |
| MORH | 124.7 | 173 | Sg | 8:39:29.26 | | | -0.55 |
| PKSM | 125.1 | 173 | Sg | 8:39:29.47 | | | -0.47 |
| PSZ | 126.7 | 59 | Sg | 8:39:30.69 | | | 0.24 |
| VYHS | 132.6 | 13 | Sn | 8:39:30.49 | | | -1.65 |
| KOVH | 140.6 | 191 | Sn | 8:39:34.85 | | | 0.95 |

864.

2021-06-15 time: 8:40:15.31 UTC ML= 1.9
 lat: 47.328N lon: 18.452E h= 0.0 km
 erh= 2.0km erz= 4.4km
 nr= 11 gap=114 rms=0.66
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 8.5 | 327 | PgU | 8:40:17.17 | | | 0.35 |
| | | | Sg | 40:17.55 | | | -0.45 |
| CSKK | 15.0 | 285 | Pg | 8:40:18.61 | | | 0.63 |
| | | | Sg | 40:20.09 | | | 0.02 |
| PKST | 32.5 | 256 | Sg | 8:40:24.38 | | | -1.26 |
| MORH | 124.5 | 173 | Sg | 8:40:54.79 | | | -0.10 |
| PKSM | 124.9 | 173 | Sg | 8:40:54.64 | | | -0.38 |
| PSZ | 126.7 | 59 | Pg | 8:40:38.71 | | | 0.77 |
| | | | Sg | 40:54.89 | | | -0.70 |
| VYHS | 132.8 | 12 | Pn | 8:40:38.96 | | | 0.06 |
| | | | Sn | 40:55.25 | | | -2.05 |

865.

2021-06-16 time: 7:02:41.02 UTC ML= 2.0
 lat: 46.049N lon: 22.903E h= 0.0 km
 erh= 2.8km erz= 3.8km
 nr= 11 gap=122 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DEV | 18.4 | 180 | Pg | 7:02:45.04 | | | 0.73 |
| | | | Sg | 02:48.06 | | | 1.18 |
| GZR | 73.6 | 188 | Pg | 7:02:54.31 | | | 0.16 |
| | | | Sg | 03:03.58 | | | -0.81 |
| DRGR | 83.8 | 350 | Sg | 7:03:07.23 | | | -0.44 |
| SIRR | 99.0 | 284 | Pg | 7:02:59.14 | | | 0.44 |
| | | | Sg | 03:12.44 | | | -0.06 |
| BZS | 110.9 | 244 | Pg | 7:03:00.48 | | | -0.34 |
| | | | Sg | 03:13.95 | | | -2.31 |
| DJES | 160.1 | 191 | Sn | 7:03:28.39 | | | -0.69 |
| VOIR | 180.4 | 112 | Sn | 7:03:32.72 | | | -0.85 |

Hypocenter Parameters

Földrengés paraméterek

866.

2021-06-16 time: 7:29:06.43 UTC ML= 1.2
 lat: 46.173N lon: 18.288E h= 0.0 km
 erh= 0.8km erz= 147km
 nr= 8 gap=203 rms=0.11
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.3 | 237 | Pg | 7:29:09.60 | 0.07 |
| | | | Sg | 29:11.68 | -0.26 |
| PKSM | 27.6 | 81 | Pg | 7:29:11.42 | 0.06 |
| | | | Sg | 29:15.31 | 0.10 |
| MORH | 27.9 | 80 | Pg | 7:29:11.42 | 0.01 |
| | | | Sg | 29:15.10 | -0.20 |
| PKSV | 31.8 | 185 | Pg | 7:29:12.04 | -0.06 |
| | | | Sg | 29:16.63 | 0.10 |

867.

2021-06-16 time: 7:53:24.00 UTC ML= 1.7
 lat: 48.638N lon: 20.721E h= 0.0 km
 erh= 2.6km erz= 4.0km
 nr= 10 gap=132 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.5 | 225 | Pg | 7:53:28.67 | 0.30 |
| | | | Sg | 53:31.80 | 0.02 |
| ABAH | 54.0 | 135 | Pg | 7:53:34.01 | 0.36 |
| | | | Sg | 53:54.57 | -1.49 |
| PSZ | 100.8 | 217 | Pg | 7:53:42.43 | 0.42 |
| | | | Sg | 53:54.57 | -1.49 |
| LANS | 108.1 | 302 | Pg | 7:53:43.94 | 0.63 |
| | | | Sg | 53:57.44 | -0.94 |
| KOLS | 118.7 | 74 | Sg | 7:54:00.91 | -0.82 |
| | | | Pn | 7:53:48.52 | 0.02 |
| VYHS | 140.0 | 263 | Sg | 54:06.46 | -1.15 |
| | | | Sg | 54:06.46 | -1.15 |

868.

2021-06-16 time: 8:10:46.38 UTC ML= 1.8
 lat: 48.426N lon: 19.380E h= 0.0 km
 erh= 2.5km erz= 5.9km
 nr= 9 gap= 84 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 40.9 | 281 | Pg | 8:10:54.02 | 0.34 |
| | | | Sg | 10:58.73 | -0.65 |
| PSZ | 68.2 | 146 | Sg | 8:11:08.63 | 0.57 |
| | | | Sg | 8:11:09.12 | 0.15 |
| LANS | 80.8 | 5 | Pg | 8:11:01.63 | 0.82 |
| | | | Sg | 8:11:11.94 | -0.52 |
| KECS | 82.0 | 86 | Sg | 8:11:11.94 | -0.52 |
| | | | Pg | 8:11:09.86 | 0.29 |
| NIE | 129.9 | 32 | Sg | 11:25.61 | -2.05 |
| | | | Sg | 11:25.61 | -2.05 |
| PKSG | 136.7 | 213 | Sg | 8:11:27.42 | -1.83 |
| | | | Sg | 8:11:27.42 | -1.83 |

869.

2021-06-16 time: 8:38:39.02 UTC ML= 1.3
 lat: 47.303N lon: 17.629E h= 0.0 km
 erh= 1.7km erz= 1.5km
 nr= 11 gap=143 rms=0.62
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| MPLH | 16.3 | 205 | Pg | 8:38:42.22 | 0.29 |
| | | | Sg | 38:44.84 | 0.64 |
| PKST | 31.0 | 99 | Pg | 8:38:44.78 | 0.22 |
| | | | Sg | 38:48.97 | 0.09 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| CSKK | 48.2 | 82 | Sg | 8:38:54.60 | 0.27 |
| PKSG | 58.4 | 80 | Pg | 8:38:50.17 | 0.72 |
| | | | Sg | 38:56.68 | -0.89 |
| KOVH | 139.7 | 165 | Sg | 8:39:21.61 | -0.95 |
| MORH | 143.6 | 147 | Sg | 8:39:22.42 | -0.99 |
| PKSM | 143.8 | 147 | Sg | 8:39:22.82 | -0.65 |
| | | | Sg | 8:39:22.82 | -0.65 |
| CONA | 150.0 | 298 | Sg | 8:39:23.87 | -0.97 |
| | | | Sg | 8:39:23.87 | -0.97 |

870.

2021-06-16 time: 9:35:40.84 UTC ML= 1.0
 lat: 47.209N lon: 18.317E h= 0.0 km
 erh= 3.6km erz= 5.9km
 nr= 11 gap=111 rms=0.91
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.7 | 346 | Pg | 9:35:43.60 | -0.40 |
| | | | Sg | 35:46.46 | 0.00 |
| PKSG | 21.1 | 15 | Pg | 9:35:44.98 | 0.37 |
| | | | Sg | 35:48.45 | 0.90 |
| PKST | 22.1 | 285 | Pg | 9:35:43.96 | -0.83 |
| | | | Sg | 35:46.72 | -1.15 |
| MPLH | 59.1 | 266 | Pg | 9:35:52.79 | 1.40 |
| | | | Sg | 36:00.55 | 0.93 |
| PKSM | 113.6 | 167 | Sg | 9:36:16.08 | -0.85 |
| | | | Sg | 9:36:16.08 | -0.85 |
| PSZ | 142.5 | 56 | Sg | 9:36:25.27 | 0.28 |
| | | | Sg | 9:36:25.27 | 0.28 |
| VYHS | 148.1 | 15 | Sg | 9:36:23.89 | -2.34 |
| | | | Sg | 9:36:23.89 | -2.34 |

871.

2021-06-16 time: 23:35:44.07 UTC ML= 1.8
 lat: 46.791N lon: 18.167E h= 2.9 km
 erh= 1.1km erz= 2.2km
 nr= 39 gap= 68 rms=0.65
 Locality: Nagyberény
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS9 | 24.2 | 159 | PgU | 23:35:49.52 | 1.10 |
| | | | Sg | 35:53.21 | 1.39 |
| TIH | 24.2 | 300 | PgU | 23:35:48.78 | 0.36 |
| | | | PgU | 23:35:52.78 | 0.34 |
| PKB4 | 46.8 | 134 | Sg | 35:58.45 | -0.52 |
| | | | Pg | 23:35:53.09 | 0.48 |
| PKB1 | 47.7 | 91 | Sg | 35:59.26 | -0.01 |
| | | | Pg | 23:35:53.09 | 0.32 |
| PKB5 | 48.6 | 117 | Sg | 35:59.52 | -0.03 |
| | | | Pg | 23:35:53.49 | -0.07 |
| PKST | 53.0 | 349 | Sg | 36:00.34 | -0.62 |
| | | | Pg | 23:35:55.99 | 0.52 |
| MPLH | 63.7 | 311 | Sg | 36:04.20 | -0.15 |
| | | | Sg | 36:04.20 | -0.15 |
| CSKK | 64.0 | 6 | Sg | 23:36:03.80 | -0.65 |
| | | | Pg | 23:35:55.80 | -0.60 |
| PKSG | 69.0 | 14 | Sg | 36:04.66 | -1.35 |
| | | | Pg | 23:35:57.03 | -0.20 |
| MORH | 73.6 | 150 | Sg | 36:06.40 | -1.10 |
| | | | Pg | 23:35:57.00 | -0.28 |
| PKSM | 73.9 | 151 | Sg | 36:06.37 | -1.22 |
| | | | Pg | 23:35:57.89 | -0.16 |
| KOVH | 78.2 | 184 | Sg | 36:07.71 | -1.25 |
| | | | Pg | 23:35:59.29 | 0.77 |
| PKS7 | 80.9 | 69 | Sg | 36:09.74 | -0.06 |
| | | | Pg | 23:35:59.72 | 0.79 |
| PKB2 | 83.1 | 99 | Sg | 36:09.71 | -0.81 |
| | | | Pg | 23:35:59.95 | 0.39 |
| PKS2 | 86.7 | 113 | Pg | 23:35:59.87 | -0.04 |
| | | | Pg | 23:36:01.89 | -0.14 |
| PKB3 | 88.7 | 117 | Sg | 36:14.66 | -1.37 |
| | | | Pg | 23:36:03.22 | -0.32 |
| PKSV | 100.5 | 176 | Sg | 36:17.23 | -1.49 |
| | | | Pg | 23:36:04.31 | 0.16 |
| PKS6 | 109.0 | 101 | Pg | 23:36:08.66 | 0.86 |
| | | | Pg | 23:36:08.00 | -0.14 |
| BEHE | 112.4 | 252 | Pg | 23:36:04.31 | 0.16 |
| | | | Pg | 23:36:04.31 | 0.16 |
| A338 | 136.9 | 6 | Pn | 23:36:08.66 | 0.86 |
| | | | Pn | 23:36:08.66 | 0.86 |
| PENC | 139.5 | 37 | Pn | 23:36:08.00 | -0.14 |
| | | | Pn | 23:36:08.00 | -0.14 |

Földrengés paraméterek

Hypocenter Parameters

Sn 36:26.06 -0.84
 KOGS 151.7 255 Sn 23:36:29.94 0.33
 PSZ 181.0 46 Sn 23:36:38.33 2.23
 VYHS 195.9 15 Pn 23:36:17.50 2.33

872.

2021-06-17 time: 8:11:19.20 UTC ML= 1.8
 lat: 48.509N lon: 17.448E h= 0.0 km
 erh= 1.1km erz= 8.4km
 nr= 9 gap=143 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| SMOL | 1.5 | 288 | PgU | 8:11:19.09 | -0.38 |
| | | | Sg | 11:19.84 | 0.15 |
| MODS | 19.7 | 220 | Pg | 8:11:22.82 | 0.10 |
| | | | Sg | 11:25.79 | 0.33 |
| ZST | 43.3 | 216 | Pg | 8:11:26.70 | -0.22 |
| | | | Sg | 11:32.99 | 0.04 |
| KRUC | 98.8 | 308 | Pg | 8:11:37.04 | 0.20 |
| VYHS | 102.6 | 91 | Sg | 8:11:51.99 | 0.19 |
| CONA | 134.5 | 241 | Sn | 8:11:59.49 | -2.07* |

873.

2021-06-17 time: 8:16:35.73 UTC ML= 1.1
 lat: 46.143N lon: 18.017E h= 0.0 km
 erh= 2.4km erz= 404km
 nr= 8 gap=235 rms=0.29
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 8.9 | 133 | Pg | 8:16:37.36 | 0.05 |
| | | | Sg | 16:38.67 | 0.12 |
| PKSV | 33.7 | 147 | Sg | 8:16:45.74 | -0.69 |
| PKSM | 48.9 | 81 | Pg | 8:16:44.72 | 0.27 |
| | | | Sg | 16:51.48 | 0.22 |
| MORH | 49.1 | 81 | Pg | 8:16:44.62 | 0.12 |
| | | | Sg | 16:50.86 | -0.49 |
| PKS9 | 53.3 | 22 | Sg | 8:16:52.38 | -0.29 |

874.

2021-06-17 time: 9:30:52.87 UTC ML= 2.0
 lat: 46.994N lon: 22.302E h= 0.0 km
 erh= 4.8km erz= 5.7km
 nr= 11 gap=157 rms=0.96
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 38.5 | 126 | PgU | 9:30:59.79 | 0.04 |
| | | | Sg | 31:04.68 | -0.43 |
| SIRR | 94.6 | 211 | Pg | 9:31:10.42 | 0.66 |
| CJR | 103.7 | 108 | Pg | 9:31:11.19 | -0.20 |
| | | | Sg | 31:23.84 | -2.00 |
| BMR | 117.7 | 50 | Pg | 9:31:14.76 | 0.87 |
| TRPA | 127.5 | 8 | Pg | 9:31:15.11 | -0.54 |
| BZS | 162.0 | 199 | Pn | 9:31:19.54 | -0.56 |
| | | | Sn | 31:39.71 | -1.63 |
| GZR | 181.7 | 168 | Pn | 9:31:24.59 | 2.03 |
| | | | Sn | 31:45.50 | -0.22 |

875.

2021-06-17 time: 9:37:16.52 UTC ML= 0.8
 lat: 47.148N lon: 18.323E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 7 gap=156 rms=0.75
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 24.3 | 349 | Pg | 9:37:20.97 | 0.11 |
| | | | Sg | 37:22.96 | -1.29 |
| PKST | 25.1 | 299 | Pg | 9:37:21.96 | 0.96 |
| | | | Sg | 37:24.13 | -0.36 |
| PKSG | 27.5 | 11 | Pg | 9:37:21.86 | 0.42 |
| | | | Sg | 37:25.03 | -0.24 |
| MORH | 106.5 | 167 | Sg | 9:37:49.03 | -1.36 |

876.

2021-06-17 time: 10:05:52.45 UTC ML= 1.5
 lat: 48.546N lon: 20.833E h= 0.0 km
 erh= 2.6km erz= 5.7km
 nr= 10 gap=92 rms=0.72
 Locality: Hidvégdőd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.6 | 255 | Pg | 10:05:56.82 | -0.38 |
| | | | Sg | 05:59.52 | -1.38 |
| ABAH | 41.0 | 133 | Pg | 10:05:59.70 | -0.07 |
| | | | Sg | 06:06.04 | 0.56 |
| PSZ | 98.7 | 225 | Pg | 10:06:10.48 | 0.41 |
| | | | Sg | 06:23.89 | 0.08 |
| NIE | 104.2 | 339 | Pg | 10:06:12.24 | 1.18 |
| | | | Sg | 06:25.09 | -0.49 |
| KOLS | 114.3 | 68 | Sg | 10:06:27.40 | -1.39 |
| VYHS | 147.6 | 268 | Sn | 10:06:37.83 | 0.10 |

877.

2021-06-17 time: 10:43:36.53 UTC ML= 1.1
 lat: 47.568N lon: 16.350E h= 0.0 km
 erh= 1.4km erz= 1.6km
 nr= 8 gap=267 rms=0.35
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 15.2 | 345 | PgU | 10:43:39.24 | -0.01 |
| | | | Sg | 43:41.46 | 0.09 |
| SOP | 20.3 | 51 | Pg | 10:43:40.33 | 0.18 |
| | | | Sg | 43:43.02 | 0.05 |
| CONA | 54.3 | 318 | Pg | 10:43:46.59 | 0.37 |
| | | | Sg | 43:53.60 | -0.19 |
| KRUC | 166.2 | 1 | Pn | 10:44:03.56 | -0.72 |
| | | | Sn | 44:23.35 | -2.58* |

878.

2021-06-17 time: 11:43:16.58 UTC ML= 1.3
 lat: 48.555N lon: 20.772E h= 0.0 km
 erh= 2.3km erz= 4.7km
 nr= 9 gap=93 rms=0.73
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.7 | 249 | Pg | 11:43:20.97 | 0.34 |
| | | | Sg | 43:24.11 | 0.33 |
| ABAH | 45.0 | 130 | Pg | 11:43:24.42 | -0.20 |
| | | | Sg | 43:31.56 | 0.67 |
| PSZ | 96.3 | 223 | Sg | 11:43:47.06 | -0.12 |
| NIE | 101.8 | 341 | Pg | 11:43:35.78 | 1.03 |
| | | | Sg | 43:47.82 | -1.11 |
| KOLS | 118.1 | 69 | Sg | 11:43:53.06 | -1.06 |
| VYHS | 143.2 | 267 | Sn | 11:43:59.71 | -1.17 |

Hypocenter Parameters

Földrengés paraméterek

879.

2021-06-17 time: 13:18:37.29 UTC ML= 0.7
 lat: 46.018N lon: 18.489E h= 0.0 km
 erh= 1.0km erz= 179km
 nr= 8 gap=203 rms=0.13
 Locality: Monyoród
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 23.3 | 232 | Pg | 13:18:41.56 | 0.10 |
| | | | Sg | 18:44.31 | -0.39 |
| PKSM | 24.6 | 29 | Pg | 13:18:41.76 | 0.08 |
| | | | Sg | 18:45.01 | -0.09 |
| MORH | 25.1 | 29 | Pg | 13:18:41.76 | -0.01 |
| | | | Sg | 18:44.99 | -0.27 |
| KOVH | 31.1 | 285 | Pg | 13:18:42.91 | 0.06 |
| | | | Sg | 18:47.25 | 0.06 |

880.

2021-06-18 time: 6:34:38.15 UTC ML= 1.3
 lat: 48.032N lon: 20.704E h= 0.0 km
 erh= 5.9km erz= ***km
 nr= 6 gap=205 rms=0.74
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 49.5 | 54 | Pg | 6:34:47.85 | 0.86 |
| | | | Sg | 34:52.77 | -1.11 |
| KECS | 52.8 | 342 | Pg | 6:34:47.87 | 0.29 |
| | | | Sg | 34:54.04 | -0.89 |
| PSZ | 61.8 | 258 | Pg | 6:34:49.51 | 0.33 |
| | | | Sg | 34:56.68 | -1.10 |

881.

2021-06-18 time: 7:19:42.30 UTC ML= 1.5
 lat: 47.082N lon: 18.066E h= 0.0 km
 erh= 2.0km erz= 717km
 nr= 10 gap=120 rms=0.56
 Locality: Pápeszti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.8 | 353 | Pg | 7:19:45.28 | -0.56 |
| | | | Sg | 19:48.11 | -0.49 |
| TIH | 24.1 | 213 | Pg | 7:19:47.34 | 0.74 |
| CSKK | 34.6 | 25 | Sg | 7:19:53.45 | 0.17 |
| | | | Pg | 7:19:50.04 | 0.40 |
| MPLH | 41.1 | 284 | Sg | 19:54.96 | -0.41 |
| | | | Pg | 7:19:50.27 | 0.41 |
| PKSG | 42.3 | 36 | Sg | 19:56.07 | 0.32 |
| | | | Pg | 7:20:15.23 | -0.75 |
| MORH | 106.0 | 155 | Sg | 7:20:16.34 | -1.07 |

882.

2021-06-18 time: 10:00:30.06 UTC ML= 1.6
 lat: 48.160N lon: 16.892E h= 0.0 km
 erh= 1.8km erz= 2.8km
 nr= 13 gap=146 rms=0.46
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZST | 16.2 | 75 | Pg | 10:00:33.04 | 0.09 |
| | | | Sg | 00:34.96 | -0.24 |
| MODS | 37.2 | 50 | Pg | 10:00:36.78 | 0.08 |
| | | | Sg | 00:41.51 | -0.37 |
| WINA | 61.2 | 265 | Pg | 10:00:41.18 | 0.18 |
| | | | Sg | 00:49.02 | -0.51 |
| RONA | 67.8 | 221 | Pg | 10:00:42.07 | -0.10 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 00:50.98 | -0.64 |
| CONA | 81.0 | 251 | Pg | 10:00:45.29 | 0.76 |
| | | | Sg | 00:56.60 | 0.78 |
| KRUC | 106.8 | 340 | Sg | 10:01:03.17 | -0.84 |
| ARSA | 144.1 | 225 | Pn | 10:00:55.42 | 0.35 |
| | | | Sn | 01:13.94 | -0.64 |

883.

2021-06-18 time: 11:39:12.86 UTC ML= 1.5
 lat: 45.542N lon: 17.361E h= 10.1 km
 erh= 2.0km erz= 0.7km
 nr= 10 gap=221 rms=0.15
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 79.3 | 61 | Pg | 11:39:27.30 | 0.16 |
| | | | Sg | 39:38.03 | -0.25 |
| KOVH | 83.5 | 43 | Pg | 11:39:27.74 | -0.15 |
| | | | Sg | 39:39.81 | 0.20 |
| PKSM | 124.2 | 53 | Pn | 11:39:34.09 | 0.00 |
| | | | Sn | 39:50.72 | 0.08 |
| MORH | 124.6 | 53 | Pn | 11:39:34.05 | -0.09 |
| | | | Sn | 39:50.78 | 0.04 |
| PKB4 | 143.2 | 42 | Sn | 11:39:56.87 | 2.01* |
| CRES | 151.7 | 282 | Pn | 11:39:37.68 | 0.16 |
| | | | Sn | 39:56.52 | -0.23 |

884.

2021-06-18 time: 16:24:24.11 UTC ML= 0.9
 lat: 47.557N lon: 16.336E h= 0.0 km
 erh= 1.9km erz= 3.6km
 nr= 8 gap=157 rms=0.39
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.1 | 349 | PgU | 16:24:27.20 | 0.22 |
| | | | Sg | 24:29.31 | 0.09 |
| SOP | 21.8 | 50 | Pg | 16:24:28.31 | 0.31 |
| | | | Sg | 24:31.33 | 0.30 |
| CONA | 54.5 | 319 | Sg | 16:24:40.99 | -0.43 |
| ARSA | 70.2 | 241 | Sg | 16:24:46.85 | 0.42 |
| MODS | 114.8 | 38 | Pg | 16:24:44.03 | -0.57 |
| GROS | 137.4 | 208 | Sn | 16:25:06.53 | -0.59 |

885.

2021-06-18 time: 20:45:09.65 UTC ML= 1.8
 lat: 45.542N lon: 16.097E h= 12.8 km
 erh= 3.2km erz= 1.9km
 nr= 16 gap=225 rms=0.65
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 32.9 | 346 | Sg | 20:45:21.86 | 0.97 |
| PTJ | 41.3 | 345 | Pg | 20:45:17.68 | 0.31 |
| | | | Sg | 45:23.68 | 0.29 |
| CRES | 59.0 | 302 | Pg | 20:45:19.92 | -0.52 |
| | | | Sg | 45:28.31 | -0.54 |
| KOGS | 101.5 | 7 | P* | 20:45:27.96 | 0.32 |
| | | | S* | 45:40.35 | -1.32 |
| GROS | 112.1 | 336 | Pn | 20:45:28.99 | -0.04 |
| | | | Sn | 45:43.20 | -0.95 |
| BEHE | 115.9 | 27 | Sn | 20:45:44.44 | -0.54 |
| PERS | 143.3 | 328 | Sn | 20:45:52.62 | 1.55 |
| PKSV | 172.2 | 77 | Pn | 20:45:36.50 | -0.03 |
| | | | Sn | 45:57.74 | 0.25 |
| PKSM | 211.2 | 69 | Pn | 20:45:41.28 | -0.10 |
| MORH | 211.5 | 69 | Sn | 46:07.00 | 0.87 |
| | | | Pn | 20:45:45.01 | 3.58 |

Földrengés paraméterek

Hypocenter Parameters

886.

2021-06-19 time: 18:04:30.44 UTC ML= 1.6
 lat: 48.538N lon: 17.553E h= 10.7 km
 erh= 2.0km erz= 1.2km
 nr= 19 gap= 98 rms=0.59
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 9.6 | 253 | Pg | 18:04:33.04 | 0.04 |
| | | | Sg | 04:35.17 | 0.17 |
| MODS | 27.4 | 228 | Pg | 18:04:35.99 | 0.30 |
| | | | Sg | 04:39.97 | 0.18 |
| ZST | 50.6 | 221 | Pg | 18:04:39.74 | 0.07 |
| | | | Sg | 04:45.41 | -1.47 |
| VYHS | 94.9 | 93 | Pg | 18:04:47.26 | -0.24 |
| | | | Sg | 04:59.27 | -1.53 |
| KRUC | 103.1 | 304 | P* | 18:04:48.73 | -0.14 |
| | | | S* | 05:01.53 | -1.71 |
| WINA | 119.8 | 246 | Pn | 18:04:51.61 | 0.57 |
| | | | Sn | 05:06.24 | -0.87 |
| RONA | 132.1 | 225 | Pn | 18:04:53.25 | 0.67 |
| | | | Sn | 05:09.76 | -0.09 |
| MORC | 137.7 | 360 | Pn | 18:04:53.92 | 0.64 |
| | | | Sn | 05:10.45 | -0.65 |
| PENC | 153.1 | 123 | Sn | 18:05:14.90 | 0.38 |
| ABNA | 157.0 | 275 | Pn | 18:04:56.25 | 0.56 |
| | | | Sn | 05:15.57 | 0.19 |

887.

2021-06-21 time: 8:16:16.23 UTC ML= 1.4
 lat: 48.638N lon: 20.835E h= 0.0 km
 erh= 3.8km erz= 3.0km
 nr= 6 gap=238 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 31.0 | 236 | Pg | 8:16:22.17 | 0.40 |
| | | | Sg | 16:25.58 | -0.51 |
| ABAH | 48.4 | 142 | Sg | 8:16:31.51 | -0.11 |
| | | | Pg | 8:16:35.97 | 0.77 |
| PSZ | 106.2 | 221 | Sg | 16:49.04 | -0.95 |
| | | | Sn | 8:17:00.86 | -0.83 |

888.

2021-06-21 time: 8:42:03.05 UTC ML= 2.0
 lat: 48.229N lon: 21.225E h= 0.0 km
 erh= 2.3km erz= 2.7km
 nr= 11 gap=154 rms=0.58
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 7.5 | 8 | Pg | 8:42:04.40 | 0.01 |
| | | | Sg | 42:05.35 | -0.08 |
| KECS | 61.7 | 297 | Pg | 8:42:14.34 | 0.28 |
| | | | Sg | 42:21.72 | -0.93 |
| TRPA | 98.3 | 96 | Pg | 8:42:20.82 | 0.22 |
| | | | Sg | 42:33.57 | -0.73 |
| PSZ | 105.0 | 251 | Sg | 8:42:35.83 | -0.60 |
| | | | Pn | 8:42:29.46 | 0.89 |
| NIE | 148.3 | 333 | Sn | 42:47.02 | -1.46 |
| | | | Sn | 8:42:52.85 | 0.65 |
| VYHS | 179.5 | 279 | Sn | 8:42:55.76 | 0.36 |

889.

2021-06-21 time: 9:47:20.93 UTC ML= 1.1
 lat: 47.847N lon: 16.019E h= 0.0 km
 erh= 2.4km erz= 4.3km
 nr= 10 gap= 98 rms=0.95
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 14.9 | 308 | Pg | 9:47:23.89 | 0.31 |
| | | | Sg | 47:27.15 | 1.50 |
| RONA | 26.4 | 128 | Pg | 9:47:26.03 | 0.38 |
| | | | Sg | 47:29.99 | 0.65 |
| WINA | 29.3 | 8 | Pg | 9:47:26.83 | 0.67 |
| | | | Sg | 47:31.03 | 0.80 |
| ARSA | 76.1 | 209 | Sg | 9:47:44.04 | -1.07 |
| | | | Sg | 9:47:54.90 | -1.16 |
| KRUC | 138.0 | 12 | Pn | 9:47:44.36 | -0.81 |
| | | | Sn | 48:01.53 | -2.54 |

890.

2021-06-21 time: 10:55:22.80 UTC ML= 0.8
 lat: 48.037N lon: 16.099E h= 0.0 km
 erh= 7.0km erz= ***km
 nr= 6 gap=148 rms=1.04
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 21.5 | 236 | Pg | 10:55:27.66 | 1.03 |
| | | | Sg | 55:29.71 | 0.09 |
| RONA | 40.4 | 159 | Pg | 10:55:30.65 | 0.64 |
| | | | Sg | 55:35.06 | -0.57 |
| ARSA | 97.6 | 206 | Sg | 10:55:51.61 | -2.22 |
| | | | Sg | 10:55:58.47 | -1.20 |

891.

2021-06-21 time: 11:47:47.36 UTC ML= 0.8
 lat: 47.537N lon: 18.523E h= 0.0 km
 erh= 3.6km erz= 594km
 nr= 7 gap=159 rms=0.41
 Locality: Nagyegyháza
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 19.0 | 212 | Pg | 11:47:51.10 | 0.36 |
| | | | Sg | 47:53.77 | 0.38 |
| CSKK | 27.7 | 226 | Pg | 11:47:52.56 | 0.26 |
| | | | Sg | 47:55.43 | -0.72 |
| PKST | 48.1 | 230 | Pg | 11:47:55.95 | 0.00 |
| PKB5 | 105.9 | 171 | Sg | 11:48:20.20 | -0.83 |
| VYHS | 109.0 | 12 | Sg | 11:48:21.68 | -0.31 |

892.

2021-06-21 time: 19:38:01.64 UTC ML= 1.1
 lat: 47.550N lon: 16.301E h= 0.0 km
 erh= 2.6km erz= 3.6km
 nr= 14 gap= 92 rms=0.94
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 16.6 | 359 | PgU | 19:38:05.20 | 0.59 |
| | | | Sg | 38:07.20 | 0.27 |
| SOP | 24.4 | 53 | Pg | 19:38:06.23 | 0.23 |
| | | | Sg | 38:09.15 | -0.24 |
| CONA | 53.4 | 322 | Pg | 19:38:11.91 | 0.73 |
| | | | Sg | 38:17.81 | -0.81 |
| ARSA | 67.5 | 240 | Pg | 19:38:15.12 | 1.43 |
| | | | Sg | 38:20.57 | -2.52 |

Hypocenter Parameters

MPLH 102.7 114 Sg 19:38:34.18 -0.11
 MODS 117.1 39 Sg 19:38:37.49 -1.36
 GROS 135.5 207 Sn 19:38:43.11 -1.12
 PKSG 158.5 96 Sn 19:38:49.24 -0.11
 KRUC 168.2 2 Pn 19:38:29.52 -0.13
 Sn 38:49.50 -2.00

893.

2021-06-22 time: 7:19:34.07 UTC ML= 1.6
 lat: 47.337N lon: 17.622E h= 0.0 km
 erh= 1.7km erz= 1.8km
 nr= 17 gap=121 rms=0.71
 Locality: Béb
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 19.6 | 198 | Pg | 7:19:38.21 | 0.64 |
| | | | Sg | 19:41.02 | 0.72 |
| PNNH | 26.1 | 24 | Sg | 7:19:42.93 | 0.55 |
| PKST | 32.4 | 106 | Pg | 7:19:40.42 | 0.56 |
| | | | Sg | 19:44.28 | -0.09 |
| CSKK | 48.4 | 87 | Pg | 7:19:43.13 | 0.42 |
| | | | Sg | 19:48.90 | -0.54 |
| PKSG | 58.4 | 84 | Pg | 7:19:45.09 | 0.59 |
| | | | Sg | 19:51.97 | -0.67 |
| SRO | 74.2 | 45 | Sg | 7:19:56.89 | -0.77 |
| MODS | 118.1 | 347 | Sg | 7:20:10.19 | -1.41 |
| KOVH | 143.6 | 165 | Sn | 7:20:18.02 | -0.44 |
| KOGS | 143.8 | 227 | Sn | 7:20:17.52 | -1.00 |
| MORH | 147.1 | 148 | Sn | 7:20:18.02 | -1.22 |
| PKSM | 147.4 | 148 | Sn | 7:20:18.23 | -1.07 |
| VYHS | 157.4 | 35 | Sn | 7:20:20.94 | -0.59 |
| PSZ | 182.6 | 69 | Sn | 7:20:28.07 | 0.94 |

894.

2021-06-22 time: 8:48:28.71 UTC ML= 1.2
 lat: 48.487N lon: 19.382E h= 0.0 km
 erh= 2.5km erz= 3.7km
 nr= 11 gap= 94 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 40.3 | 271 | Pg | 8:48:37.02 | 1.11 |
| | | | Sg | 48:41.59 | 0.06 |
| PSZ | 73.9 | 149 | Sg | 8:48:52.04 | -0.16 |
| LANS | 74.0 | 5 | Sg | 8:48:51.08 | -1.16 |
| KECS | 81.6 | 90 | Sg | 8:48:54.82 | 0.16 |
| SRO | 109.3 | 227 | Sg | 8:49:02.98 | -0.46 |
| NIE | 124.0 | 33 | Pg | 8:48:52.24 | 1.38 |
| | | | Sg | 49:06.90 | -1.24 |
| ABAH | 139.2 | 99 | Sn | 8:49:11.57 | -0.57 |
| CSKK | 150.5 | 214 | Sn | 8:49:14.03 | -0.60 |
| MODS | 156.2 | 265 | Sn | 8:49:14.43 | -1.48 |

895.

2021-06-22 time: 8:59:10.22 UTC ML= 2.0
 lat: 46.102N lon: 21.694E h= 0.0 km
 erh= 2.6km erz= 660km
 nr= 8 gap=166 rms=0.47
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 18.6 | 352 | Pg | 8:59:13.55 | 0.00 |
| | | | Sg | 59:16.06 | -0.08 |
| BZS | 54.2 | 186 | PgU | 8:59:19.88 | -0.02 |
| | | | Sg | 59:26.71 | -0.75 |
| DRGR | 109.5 | 46 | Pg | 8:59:30.12 | 0.34 |
| | | | Sg | 59:43.90 | -1.14 |
| GZR | 115.3 | 133 | Pg | 8:59:31.49 | 0.68 |
| | | | Sg | 59:46.59 | -0.28 |

Földrengés paraméterek

896.

2021-06-22 time: 9:00:46.65 UTC ML= 1.0
 lat: 47.246N lon: 18.271E h= 0.0 km
 erh= 4.3km erz= 655km
 nr= 8 gap=232 rms=0.47
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 13.1 | 356 | Pg | 9:00:48.97 | -0.01 |
| | | | Sg | 00:50.38 | -0.42 |
| PKST | 18.0 | 275 | Pg | 9:00:49.10 | -0.76 |
| | | | Sg | 00:52.51 | 0.14 |
| PKSG | 18.6 | 29 | Pg | 9:00:49.72 | -0.24 |
| | | | Sg | 00:53.22 | 0.67 |
| MPLH | 56.1 | 261 | Pg | 9:00:57.20 | 0.54 |
| | | | Sg | 01:04.97 | 0.50 |

897.

2021-06-22 time: 9:04:23.92 UTC ML= 1.5
 lat: 47.726N lon: 18.701E h= 0.0 km
 erh= 3.5km erz= 7.5km
 nr= 15 gap=100 rms=1.20
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 43.9 | 212 | Pg | 9:04:31.73 | -0.02 |
| | | | Sg | 04:37.85 | -0.01 |
| CSKK | 52.2 | 219 | Sg | 9:04:40.55 | 0.04 |
| PKST | 72.2 | 224 | Pg | 9:04:37.55 | 0.74 |
| | | | Sg | 04:46.09 | -0.78 |
| VYHS | 86.0 | 7 | Pg | 9:04:41.65 | 2.37 |
| | | | Sg | 04:49.69 | -1.57 |
| PSZ | 91.9 | 77 | Pg | 9:04:41.36 | 1.03 |
| | | | Sg | 04:51.90 | -1.23 |
| PKB1 | 104.9 | 176 | Sg | 9:04:55.62 | -1.63 |
| MPLH | 107.2 | 235 | Pg | 9:04:44.27 | 1.21 |
| | | | Sg | 04:57.03 | -0.96 |
| MODS | 128.3 | 304 | Pg | 9:04:46.28 | -0.54 |
| | | | Sg | 05:02.20 | -2.49 |
| MORH | 167.9 | 181 | Sn | 9:05:12.94 | -0.76 |

898.

2021-06-22 time: 9:23:12.33 UTC ML= 0.9
 lat: 48.586N lon: 20.759E h= 0.0 km
 erh= 2.7km erz= 680km
 nr= 5 gap=152 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 23.2 | 240 | Pg | 9:23:16.91 | 0.43 |
| | | | Sg | 23:19.32 | -0.39 |
| ABAH | 48.0 | 132 | Pg | 9:23:20.98 | 0.07 |
| | | | Sg | 23:27.41 | -0.19 |
| NIE | 98.1 | 341 | Sg | 9:23:43.12 | -0.41 |

899.

2021-06-22 time: 9:27:27.60 UTC ML= 1.5
 lat: 47.340N lon: 18.457E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 12 gap=114 rms=0.53
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.6 | 319 | PgU | 9:27:29.33 | 0.37 |
| | | | Sg | 27:29.66 | -0.36 |

Földrengés paraméterek

Hypocenter Parameters

CSKK 15.1 280 PgU 9:27:30.74 0.45
 Sg 27:32.36 -0.03
 PKST 33.2 254 Pg 9:27:33.75 0.22
 Sg 27:37.44 -0.72
 PSZ 125.7 59 Sg 9:28:07.64 0.08
 MORH 125.8 173 Sg 9:28:07.24 -0.36
 PKSM 126.2 174 Sg 9:28:07.34 -0.39
 VYHS 131.4 12 Pn 9:27:51.53 0.51
 Sn 28:07.94 -1.34
 MODS 144.9 322 Sn 9:28:09.85 -2.43

ARSA 71.0 241 Sg 15:31:06.12 -0.86
 MODS 114.2 37 Pg 15:31:05.22 0.43
 Sg 31:19.53 -1.16

900.

2021-06-22 time: 10:59:56.51 UTC ML= 1.1
 lat: 48.139N lon: 18.968E h= 0.0 km
 erh= 2.0km erz= 873km
 nr= 10 gap= 85 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 40.7 | 346 | Pg | 11:00:04.27 | 0.49 |
| | | | Sg | 00:09.60 | 0.14 |
| PENC | 45.2 | 149 | Sg | 11:00:11.35 | 0.46 |
| A338 | 47.8 | 253 | Sg | 11:00:12.29 | 0.57 |
| SRO | 60.8 | 234 | Sg | 11:00:15.99 | 0.16 |
| PSZ | 73.3 | 109 | Sg | 11:00:19.89 | 0.07 |
| KECS | 119.0 | 71 | Pg | 11:00:17.93 | 0.18 |
| | | | Sg | 00:33.03 | -1.29 |
| PKST | 120.3 | 216 | Sg | 11:00:33.81 | -0.93 |
| MODS | 128.2 | 282 | Sg | 11:00:35.11 | -2.16 |

901.

2021-06-22 time: 12:00:57.77 UTC ML= 1.5
 lat: 47.849N lon: 16.006E h= 0.0 km
 erh= 1.8km erz= 4.5km
 nr= 14 gap=101 rms=0.77
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 13.9 | 309 | Pg | 12:01:00.95 | 0.70 |
| | | | Sg | 01:03.41 | 1.22 |
| RONA | 27.4 | 127 | PgU | 12:01:02.66 | 0.00 |
| | | | Sg | 01:06.67 | 0.19 |
| WINA | 29.1 | 10 | Pg | 12:01:03.30 | 0.33 |
| | | | Sg | 01:07.33 | 0.30 |
| ARSA | 75.9 | 209 | Pg | 12:01:11.54 | 0.23 |
| | | | Sg | 01:20.83 | -1.05 |
| ABNA | 100.7 | 335 | Pg | 12:01:16.16 | 0.40 |
| | | | Sg | 01:28.38 | -1.41 |
| MODS | 111.2 | 58 | Pg | 12:01:18.22 | 0.60 |
| | | | Sg | 01:32.38 | -0.73 |
| KRUC | 137.9 | 12 | Pn | 12:01:20.83 | -1.16 |
| | | | Sn | 01:37.40 | -3.49 |

902.

2021-06-22 time: 15:30:44.40 UTC ML= 1.0
 lat: 47.558N lon: 16.348E h= 0.0 km
 erh= 3.0km erz= 812km
 nr= 11 gap=193 rms=0.67
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 16.2 | 346 | PgU | 15:30:47.04 | -0.25 |
| | | | Sg | 30:49.25 | -0.30 |
| SOP | 21.1 | 49 | Pg | 15:30:48.67 | 0.51 |
| | | | Sg | 30:51.31 | 0.22 |
| CONA | 55.0 | 318 | Pg | 15:30:55.38 | 1.16 |
| | | | Sg | 31:01.80 | -0.08 |
| WINA | 64.5 | 341 | Pg | 15:30:55.69 | -0.22 |
| | | | Sg | 31:03.68 | -1.20 |

903.

2021-06-22 time: 21:57:03.03 UTC ML= 1.8
 lat: 45.566N lon: 18.148E h= 0.5 km
 erh= 2.1km erz= 1.7km
 nr= 28 gap=110 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKSV | 36.8 | 13 | Pg | 21:57:09.90 | 0.30 |
| | | | Sg | 57:14.41 | -0.31 |
| KOVH | 58.2 | 356 | Pg | 21:57:13.25 | -0.17 |
| | | | Sg | 57:20.09 | -1.44 |
| PKSM | 81.4 | 28 | Pg | 21:57:17.33 | -0.23 |
| | | | Sg | 57:28.75 | -0.15 |
| MORH | 81.9 | 28 | Pg | 21:57:17.26 | -0.39 |
| | | | Sg | 57:28.84 | -0.21 |
| PKB4 | 109.3 | 19 | Pg | 21:57:23.14 | 0.59 |
| | | | Sg | 57:37.10 | -0.67 |
| PKS9 | 114.0 | 5 | Pg | 21:57:23.84 | 0.46 |
| | | | Sg | 57:38.50 | -0.75 |
| BLY | 118.3 | 220 | Pg | 21:57:23.35 | -0.81 |
| | | | Sg | 57:38.00 | -2.63* |
| PKB5 | 123.1 | 22 | Pg | 21:57:25.91 | 0.90 |
| | | | Sg | 57:41.06 | -1.10 |
| PKB3 | 125.2 | 40 | Pg | 21:57:25.78 | 0.39 |
| PKS2 | 131.9 | 39 | Pn | 21:57:26.82 | 0.37 |
| | | | Sn | 57:44.02 | -0.69 |
| FRGS | 138.8 | 110 | Pn | 21:57:27.30 | 0.00 |
| | | | Sn | 57:44.99 | -1.24 |
| PKB1 | 144.3 | 20 | Pn | 21:57:28.58 | 0.59 |
| | | | Sn | 57:46.84 | -0.62 |
| PKB2 | 149.4 | 34 | Pn | 21:57:29.31 | 0.68 |
| KOGS | 176.7 | 304 | Pn | 21:57:33.15 | 1.12 |
| | | | Sn | 57:54.61 | -0.05 |
| PKST | 188.4 | 357 | Sn | 21:57:57.96 | 0.71 |
| CRES | 211.6 | 278 | Sn | 21:58:03.37 | 0.97 |

904.

2021-06-23 time: 7:24:46.04 UTC ML= 1.0
 lat: 48.368N lon: 19.049E h= 0.0 km
 erh= 5.1km erz= ***km
 nr= 7 gap=132 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 21.1 | 312 | Pg | 7:24:49.95 | 0.14 |
| | | | Sg | 24:52.56 | -0.19 |
| PENC | 66.5 | 165 | Sg | 7:25:07.33 | 0.14 |
| PSZ | 80.4 | 128 | Pg | 7:25:01.96 | 1.56 |
| | | | Sg | 25:10.94 | -0.65 |
| KECS | 107.1 | 83 | Sg | 7:25:18.31 | -1.77 |
| PKSG | 119.2 | 204 | Sg | 7:25:22.83 | -1.11 |

905.

2021-06-23 time: 7:28:58.70 UTC ML= 1.6
 lat: 48.508N lon: 17.440E h= 0.0 km
 erh= 1.2km erz= 2.3km
 nr= 11 gap=125 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SMOL | 1.1 | 307 | Pg | 7:28:58.59 | -0.30 |
| | | | Sg | 28:59.40 | 0.36 |
| MODS | 19.2 | 219 | Pg | 7:29:02.51 | 0.39 |
| | | | Sg | 29:05.52 | 0.72 |

Hypocenter Parameters

ZST 42.8 216 Pg 7:29:06.38 0.05
 Sg 29:11.90 -0.39
 KRUC 98.4 309 Pg 7:29:16.37 0.09
 Sg 29:29.42 -0.57
 VYHS 103.2 91 Pg 7:29:17.32 0.20
 CONA 133.8 241 Sn 7:29:39.87 -1.05
 MORC 141.3 3 Sn 7:29:40.22 -2.36*

906.

2021-06-23 time: 8:34:53.41 UTC ML= 1.4
 lat: 48.583N lon: 20.718E h= 0.0 km
 erh= 2.5km erz= 2.2km
 nr= 6 gap=224 rms=0.18
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 20.4 | 237 | Pg | 8:34:57.01 | -0.06 |
| | | | Sg | 34:59.82 | -0.09 |
| ABAH | 50.1 | 130 | Sg | 8:35:09.21 | -0.13 |
| PSZ | 96.0 | 220 | Pg | 8:35:10.87 | 0.32 |
| | | | Sg | 35:23.82 | -0.09 |
| VYHS | 139.3 | 266 | Sn | 8:35:36.68 | -0.17 |

907.

2021-06-23 time: 11:15:06.73 UTC ML= 1.5
 lat: 48.409N lon: 17.267E h= 0.0 km
 erh= 2.8km erz= ***km
 nr= 10 gap= 87 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 4.0 | 169 | Pg | 11:15:07.10 | -0.33 |
| | | | Sg | 15:08.46 | 0.48 |
| SMOL | 16.7 | 46 | Pg | 11:15:09.37 | -0.35 |
| | | | Sg | 15:11.22 | -0.83 |
| ZST | 26.6 | 207 | Sg | 11:15:15.48 | 0.31 |
| A338 | 91.8 | 118 | Sg | 11:15:37.75 | 1.85 |
| KRUC | 96.9 | 319 | Pg | 11:15:24.75 | 0.72 |
| | | | Sg | 15:37.95 | 0.42 |
| RONA | 107.0 | 223 | Sg | 11:15:37.58 | -3.15 |
| CONA | 117.4 | 243 | Sg | 11:15:43.15 | -0.88 |

908.

2021-06-23 time: 18:23:13.85 UTC ML= 0.6
 lat: 47.516N lon: 16.332E h= 0.0 km
 erh= 3.0km erz= 4.7km
 nr= 10 gap=202 rms=0.76
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 20.6 | 353 | Pg | 18:23:18.18 | 0.66 |
| | | | Sg | 23:20.25 | -0.13 |
| SOP | 25.2 | 43 | Pg | 18:23:18.93 | 0.58 |
| | | | Sg | 23:22.01 | 0.15 |
| CONA | 57.8 | 322 | Sg | 18:23:32.19 | -0.04 |
| ARSA | 67.8 | 244 | Sg | 18:23:34.60 | -0.81 |
| WINA | 68.5 | 344 | Pg | 18:23:26.90 | 0.82 |
| | | | Sg | 23:35.11 | -0.52 |
| MODS | 118.6 | 37 | Sg | 18:23:50.41 | -1.15 |
| KRUC | 171.9 | 2 | Sn | 18:24:02.71 | -1.82 |

Földrengés paraméterek

909.

2021-06-24 time: 9:02:16.74 UTC ML= 0.7
 lat: 47.200N lon: 18.314E h= 0.0 km
 erh= 0.9km erz= 1.6km
 nr= 11 gap=111 rms=0.49
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.6 | 347 | Pg | 9:02:20.58 | 0.52 |
| | | | Sg | 02:22.36 | -0.30 |
| PKSG | 22.1 | 15 | Pg | 9:02:21.06 | 0.37 |
| | | | Sg | 02:24.15 | 0.37 |
| PKST | 22.2 | 287 | Pg | 9:02:20.46 | -0.24 |
| | | | Sg | 02:23.62 | -0.17 |
| MORH | 112.3 | 167 | Sg | 9:02:52.84 | 0.42 |
| PKSM | 112.6 | 167 | Sg | 9:02:52.49 | -0.05 |
| KOVH | 124.6 | 188 | Sg | 9:02:56.11 | -0.24 |
| PSZ | 143.3 | 56 | Sn | 9:02:59.79 | -1.28 |
| VYHS | 149.1 | 15 | Sn | 9:03:00.95 | -1.41 |

910.

2021-06-24 time: 9:17:50.12 UTC ML= 1.8
 lat: 48.188N lon: 21.273E h= 0.0 km
 erh= 2.6km erz= 5.4km
 nr= 8 gap=109 rms=0.56
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 12.2 | 348 | PgU | 9:17:52.59 | 0.29 |
| | | | Sg | 17:54.23 | 0.23 |
| KECS | 66.9 | 299 | Pg | 9:18:02.38 | 0.31 |
| | | | Sg | 18:10.10 | -1.29 |
| TRPA | 94.4 | 94 | Pg | 9:18:07.29 | 0.31 |
| | | | Sg | 18:19.39 | -0.74 |
| PSZ | 107.1 | 254 | Sg | 9:18:23.35 | -0.80 |
| DRGR | 189.4 | 145 | Sn | 9:18:45.28 | 0.61 |

911.

2021-06-24 time: 18:57:36.38 UTC ML= 1.4
 lat: 45.628N lon: 21.358E h= 13.6 km
 erh=12.7km erz= 3.0km
 nr= 6 gap=241 rms=0.55
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 20.2 | 94 | Pg | 18:57:40.75 | 0.02 |
| | | | Sg | 57:44.58 | 0.46 |
| BANR | 32.4 | 213 | Pg | 18:57:42.20 | -0.45 |
| | | | Sg | 57:47.60 | 0.05 |
| GZR | 113.9 | 103 | Pn | 18:57:56.53 | 0.66 |
| | | | Sn | 58:09.72 | -1.35 |

912.

2021-06-25 time: 0:52:35.91 UTC ML= 1.0
 lat: 48.031N lon: 16.520E h= 12.5 km
 erh= 2.0km erz= 1.7km
 nr= 20 gap= 82 rms=0.75
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| WINA | 34.4 | 284 | Pg | 0:52:43.24 | 0.80 |
| | | | Sg | 52:47.42 | -0.12 |
| SOP | 38.8 | 176 | Pg | 0:52:43.35 | 0.16 |
| | | | Sg | 52:47.85 | -1.02 |
| RONA | 40.5 | 204 | Pg | 0:52:43.68 | 0.20 |
| | | | Sg | 52:48.37 | -1.02 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----|------------|-------|
| CONA | 50.5 | 257 | Pg | 0:52:45.69 | 0.49 |
| | | | Sg | 52:51.61 | -0.83 |
| MODS | 67.9 | 56 | Sg | 0:52:57.44 | -0.44 |
| EGYH | 91.5 | 138 | Sg | 0:53:05.97 | 0.70 |
| ABNA | 107.4 | 311 | Pn | 0:52:54.75 | 0.01 |
| | | | Sn | 53:07.53 | -1.90 |
| ARSA | 114.7 | 221 | Sn | 0:53:10.09 | -0.94 |
| KRUC | 115.0 | 355 | Pn | 0:52:56.13 | 0.45 |
| | | | Sn | 53:10.39 | -0.71 |
| MPLH | 122.7 | 141 | Pn | 0:52:56.13 | -0.51 |
| | | | Sn | 53:13.70 | 0.89 |
| MOA | 169.6 | 263 | Pn | 0:53:04.07 | 1.57 |
| | | | Sn | 53:24.37 | 1.14 |
| BIOA | 218.9 | 260 | Sn | 0:53:33.73 | -0.44 |
| KHC | 249.2 | 299 | ePn | 0:53:17.10 | 4.69* |
| | | | eSn | 53:44.40 | 3.52* |

913.

2021-06-25 time: 6:22:54.12 UTC ML= 1.4
 lat: 45.865N lon: 18.416E h= 0.0 km
 erh= 0.8km erz= 1.0km
 nr= 10 gap=257 rms=0.12
 Locality: Villány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 13.0 | 282 | Pg | 6:22:56.33 | -0.11 |
| | | | Sg | 22:58.34 | 0.09 |
| KOVH | 34.9 | 315 | Pg | 6:23:00.51 | 0.16 |
| | | | Sg | 23:04.95 | -0.26 |
| PKSM | 42.3 | 24 | Pg | 6:23:01.75 | 0.07 |
| | | | Sg | 23:07.51 | -0.07 |
| MORH | 42.8 | 24 | Pg | 6:23:01.69 | -0.08 |
| | | | Sg | 23:07.77 | 0.04 |
| PKB4 | 71.7 | 12 | Sg | 6:23:16.85 | -0.05 |
| PKST | 157.7 | 349 | Sn | 6:23:41.91 | 0.26 |

914.

2021-06-25 time: 7:15:05.16 UTC ML= 1.8
 lat: 47.913N lon: 20.084E h= 0.0 km
 erh= 4.7km erz= 4.3km
 nr= 9 gap=182 rms=0.89
 Locality: Paráđ
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 14.2 | 272 | PgU | 7:15:08.31 | 0.61 |
| | | | Sg | 15:10.47 | 0.79 |
| PENC | 61.6 | 257 | Sg | 7:15:24.49 | -0.26 |
| KECS | 70.1 | 25 | Sg | 7:15:26.20 | -1.24 |
| ABAH | 96.0 | 64 | Pg | 7:15:22.78 | 0.47 |
| | | | Sg | 15:35.09 | -0.58 |
| VYHS | 113.1 | 305 | Sg | 7:15:39.09 | -2.01 |
| PKSG | 139.8 | 246 | Sn | 7:15:48.12 | -0.60 |
| NIE | 168.3 | 6 | Sn | 7:15:56.28 | 1.24 |

915.

2021-06-25 time: 7:56:14.63 UTC ML= 1.3
 lat: 46.140N lon: 17.930E h= 0.0 km
 erh= 2.8km erz= 4.2km
 nr= 13 gap=122 rms=0.66
 Locality: Ibafa
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 14.3 | 114 | PgU | 7:56:17.66 | 0.48 |
| | | | Sg | 56:19.19 | 0.01 |
| PKSV | 37.5 | 138 | Pg | 7:56:21.78 | 0.46 |
| | | | Sg | 56:25.90 | -0.64 |
| PKSM | 55.5 | 82 | Pg | 7:56:25.09 | 0.55 |
| | | | Sg | 56:31.42 | -0.84 |
| MORH | 55.8 | 81 | Pg | 7:56:24.89 | 0.30 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 56:31.42 | -0.93 |
| PKS9 | 56.4 | 28 | Sg | 7:56:34.10 | 1.53 |
| PKB4 | 65.3 | 53 | Sg | 7:56:34.71 | -0.66 |
| PKST | 124.6 | 4 | Sg | 7:56:53.18 | -1.06 |
| PKSG | 143.5 | 14 | Sn | 7:56:58.51 | -0.49 |
| PTJ | 155.0 | 260 | Sn | 7:57:00.92 | -0.64 |

916.

2021-06-25 time: 8:02:07.77 UTC ML= 1.2
 lat: 47.483N lon: 18.690E h= 0.0 km
 erh= 2.3km erz= 2.9km
 nr= 15 gap= 99 rms=1.17
 Locality: Herceghalom
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 24.4 | 95 | Sg | 8:02:17.22 | 1.69 |
| PKSG | 24.7 | 246 | Pg | 8:02:12.89 | 0.71 |
| | | | Sg | 02:17.02 | 1.39 |
| BUD | 25.2 | 90 | Sg | 8:02:16.12 | 0.34 |
| CSKK | 35.0 | 248 | Sg | 8:02:19.64 | 0.74 |
| PKST | 55.4 | 243 | Pg | 8:02:18.43 | 0.77 |
| | | | Sg | 02:24.57 | -0.81 |
| PENC | 56.1 | 52 | Sg | 8:02:25.12 | -0.48 |
| PKS7 | 60.2 | 144 | Sg | 8:02:25.73 | -1.17 |
| MPLH | 93.6 | 248 | Sg | 8:02:37.62 | 0.09 |
| PSZ | 102.6 | 62 | Pg | 8:02:27.04 | 0.96 |
| | | | Sg | 02:39.33 | -1.04 |
| MORH | 140.9 | 181 | Sn | 8:02:49.67 | -1.90 |
| PKSM | 141.4 | 181 | Sn | 8:02:49.66 | -2.01 |
| MODS | 144.7 | 313 | Sn | 8:02:49.96 | -2.44 |

917.

2021-06-25 time: 9:55:34.04 UTC ML= 1.3
 lat: 48.630N lon: 20.770E h= 0.0 km
 erh= 2.2km erz= 722km
 nr= 6 gap=107 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 26.6 | 232 | Pg | 9:55:38.90 | 0.12 |
| | | | Sg | 55:41.81 | -0.67 |
| ABAH | 50.9 | 137 | Sg | 9:55:49.85 | -0.36 |
| NIE | 93.9 | 339 | Sg | 9:56:03.62 | -0.25 |
| PSZ | 102.4 | 219 | Sg | 9:56:07.26 | 0.68 |
| KOLS | 115.5 | 73 | Sg | 9:56:11.16 | 0.40 |

918.

2021-06-25 time: 15:52:15.91 UTC ML= 0.8
 lat: 47.573N lon: 16.362E h= 0.0 km
 erh= 2.6km erz= 3.3km
 nr= 12 gap=190 rms=0.60
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.9 | 341 | Pg | 15:52:18.57 | 0.00 |
| | | | Sg | 52:20.58 | -0.07 |
| SOP | 19.2 | 50 | Pg | 15:52:18.87 | -0.46 |
| | | | Sg | 52:22.49 | 0.49 |
| CONA | 54.5 | 316 | Pg | 15:52:26.81 | 1.17 |
| | | | Sg | 52:32.83 | -0.40 |
| WINA | 63.2 | 340 | Pg | 15:52:27.70 | 0.50 |
| | | | Sg | 52:35.35 | -0.65 |
| ARSA | 72.8 | 240 | Sg | 15:52:38.56 | -0.49 |
| MODS | 112.2 | 38 | Sg | 15:52:51.21 | -0.37 |
| ABNA | 140.3 | 330 | Pn | 15:52:40.89 | 0.46 |
| | | | Sn | 52:58.49 | -1.07 |

Hypocenter Parameters

Földrengés paraméterek

919.

2021-06-28 time: 0:30:54.18 UTC ML= 1.2
 lat: 46.045N lon: 17.010E h= 11.2 km
 erh= 6.8km erz= 3.0km
 nr= 9 gap=158 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOGS | 73.8 | 307 | Pg | 0:31:08.62 | 1.11 |
| | | | Sg | 31:16.51 | -1.39 |
| KOVH | 84.4 | 87 | Pg | 0:31:09.59 | 0.20 |
| | | | Sg | 31:21.02 | -0.24 |
| PKSV | 97.8 | 100 | Sg | 0:31:25.15 | -0.33 |
| CRES | 122.9 | 259 | Sn | 0:31:31.76 | 0.32 |
| PKSM | 127.4 | 82 | Pn | 0:31:14.81 | -0.87 |
| | | | Sn | 31:32.71 | 0.27 |
| MORH | 127.7 | 81 | Sn | 0:31:32.71 | 0.20 |

920.

2021-06-28 time: 7:30:07.16 UTC ML= 1.5
 lat: 45.816N lon: 18.460E h= 0.0 km
 erh= 1.2km erz= 181km
 nr= 7 gap=279 rms=0.12
 Locality: Lapáncsa
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 18.0 | 297 | Pg | 7:30:10.54 | 0.17 |
| | | | Sg | 30:12.85 | -0.03 |
| KOVH | 41.2 | 317 | Sg | 7:30:20.00 | -0.24 |
| PKSM | 46.2 | 18 | Pg | 7:30:15.36 | -0.04 |
| | | | Sg | 30:22.01 | 0.17 |
| MORH | 46.7 | 18 | Pg | 7:30:15.41 | -0.08 |
| | | | Sg | 30:21.99 | 0.00 |

921.

2021-06-28 time: 7:32:29.10 UTC ML= 1.8
 lat: 46.941N lon: 22.743E h= 3.9 km
 erh= 2.5km erz= 1.4km
 nr= 8 gap=311 rms=0.21
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 16.7 | 188 | Pg | 7:32:32.06 | -0.11 |
| | | | Sg | 32:34.77 | 0.20 |
| SIRR | 111.7 | 228 | Pg | 7:32:49.03 | -0.04 |
| | | | Sg | 33:04.60 | -0.04 |
| BZS | 170.9 | 211 | Pn | 7:32:57.02 | 0.08 |
| | | | Sn | 33:19.91 | 1.26 |
| GZR | 172.0 | 179 | Pn | 7:32:57.27 | 0.19 |
| | | | Sn | 33:18.35 | -0.55 |

922.

2021-06-28 time: 7:48:23.90 UTC ML= 1.5
 lat: 47.065N lon: 18.018E h= 0.0 km
 erh= 1.4km erz= 396km
 nr= 9 gap=139 rms=0.30
 Locality: Balatonfüzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 21.6 | 3 | Pg | 7:48:27.63 | -0.14 |
| | | | Sg | 48:30.69 | -0.09 |
| CSKK | 37.9 | 29 | Pg | 7:48:31.07 | 0.39 |
| | | | Sg | 48:34.91 | -1.05 |
| MPLH | 38.1 | 288 | Pg | 7:48:30.97 | 0.26 |
| | | | Sg | 48:35.76 | -0.26 |
| PKSG | 46.0 | 38 | Pg | 7:48:32.12 | -0.01 |

Sg 48:38.65 0.11
 KOVH 108.7 177 Sg 7:48:58.08 -0.38

923.

2021-06-28 time: 9:06:41.63 UTC ML= 1.5
 lat: 48.569N lon: 20.763E h= 0.0 km
 erh= 3.5km erz= 6.1km
 nr= 9 gap=166 rms=0.59
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.6 | 245 | Pg | 9:06:45.81 | 0.15 |
| | | | Sg | 06:49.02 | 0.22 |
| ABAH | 46.5 | 131 | Pg | 9:06:50.32 | 0.38 |
| | | | Sg | 06:56.02 | -0.40 |
| PSZ | 96.9 | 222 | Pg | 9:06:59.04 | 0.11 |
| | | | Sg | 07:11.38 | -1.04 |
| LANS | 115.0 | 304 | ePg | 9:07:01.60 | -0.56 |
| TRPA | 140.4 | 110 | Sn | 9:07:22.73 | -2.58 |
| VYHS | 142.5 | 267 | ePn | 9:07:07.40 | 0.96 |

924.

2021-06-28 time: 9:11:35.33 UTC ML= 1.8
 lat: 48.424N lon: 17.212E h= 0.0 km
 erh= 2.1km erz= 4.4km
 nr= 12 gap= 98 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 7.4 | 139 | PgU | 9:11:37.05 | 0.39 |
| | | | Sg | 11:38.61 | 0.92 |
| SMOL | 18.9 | 58 | Pg | 9:11:38.58 | -0.12 |
| | | | Sg | 11:41.42 | 0.10 |
| ZST | 26.6 | 198 | Pg | 9:11:40.36 | 0.27 |
| KRUC | 92.9 | 320 | Pg | 9:11:52.44 | 0.51 |
| | | | Sg | 12:04.19 | -0.68 |
| RONA | 105.6 | 220 | Pg | 9:11:54.73 | 0.54 |
| | | | Sg | 12:05.72 | -3.18 |
| CONA | 114.6 | 241 | Sg | 9:12:10.95 | -0.80 |
| VYHS | 120.4 | 86 | Sg | 9:12:12.06 | -1.53 |
| MPLH | 141.6 | 170 | Sn | 9:12:18.48 | -0.80 |

925.

2021-06-28 time: 9:52:01.24 UTC ML= 1.3
 lat: 47.826N lon: 19.131E h= 0.0 km
 erh= 2.5km erz= 780km
 nr= 9 gap=124 rms=0.58
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 11.9 | 109 | Pg | 9:52:04.00 | 0.62 |
| | | | Sg | 52:05.01 | -0.03 |
| PSZ | 58.0 | 80 | Pg | 9:52:11.74 | 0.13 |
| | | | Sg | 52:19.12 | -0.57 |
| VYHS | 77.5 | 344 | Pg | 9:52:15.81 | 0.73 |
| | | | Sg | 52:25.15 | -0.72 |
| PKST | 103.9 | 233 | Sg | 9:52:33.34 | -0.92 |
| KECS | 124.5 | 54 | ePg | 9:52:23.20 | -0.28 |
| | | | eSg | 52:39.80 | -1.02 |

926.

2021-06-28 time: 10:00:36.43 UTC ML= 1.3
 lat: 48.182N lon: 16.880E h= 0.0 km
 erh= 3.0km erz= 483km
 nr= 6 gap=165 rms=0.28
 Locality: Austria
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZST | 16.6 | 85 | Pg | 10:00:39.62 | 0.22 |
| | | | Sg | 00:41.32 | -0.39 |
| MODS | 36.4 | 54 | Pg | 10:00:43.22 | 0.29 |
| | | | Sg | 00:47.60 | -0.40 |
| RONA | 69.1 | 219 | Sg | 10:00:58.33 | -0.06 |
| CONA | 81.0 | 250 | Sg | 10:01:01.94 | -0.22 |

927.

2021-06-28 time: 12:28:34.54 UTC ML= 1.3
 lat: 47.533N lon: 16.337E h= 0.0 km
 erh= 1.6km erz= 2.0km
 nr= 18 gap= 94 rms=0.72
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 18.8 | 351 | PgU | 12:28:38.25 | 0.36 |
| | | | Sg | 28:40.11 | -0.39 |
| SOP | 23.6 | 45 | Pg | 12:28:39.41 | 0.66 |
| | | | Sg | 28:42.05 | 0.02 |
| CONA | 56.6 | 321 | Pg | 12:28:45.38 | 0.74 |
| | | | Sg | 28:52.16 | -0.36 |
| WINA | 66.8 | 343 | Pg | 12:28:47.06 | 0.59 |
| | | | Sg | 28:55.76 | -0.02 |
| ARSA | 69.0 | 243 | Sg | 12:28:56.58 | 0.11 |
| MPLH | 99.4 | 114 | Sg | 12:29:05.62 | -0.53 |
| MODS | 116.9 | 37 | Sg | 12:29:09.43 | -2.27 |
| PKST | 131.7 | 103 | Pn | 12:28:58.49 | 0.49 |
| | | | Sn | 29:14.91 | -1.39 |
| GROS | 135.1 | 208 | Sn | 12:29:16.36 | -0.67 |
| PERS | 136.1 | 223 | Sn | 12:29:16.11 | -1.16 |
| ABNA | 143.3 | 332 | Pn | 12:29:00.00 | 0.57 |
| | | | Sn | 29:18.12 | -0.73 |
| KRUC | 170.0 | 1 | Sn | 12:29:22.99 | -1.81 |

928.

2021-06-28 time: 13:36:13.76 UTC ML= 0.9
 lat: 47.830N lon: 16.031E h= 0.0 km
 erh= 3.4km erz= 6.9km
 nr= 9 gap=100 rms=1.11
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.7 | 311 | Pg | 13:36:17.32 | 0.57 |
| | | | Sg | 36:20.03 | 0.96 |
| RONA | 24.6 | 126 | Pg | 13:36:18.63 | 0.47 |
| | | | Sg | 36:22.54 | 0.94 |
| WINA | 31.0 | 6 | Pg | 13:36:19.71 | 0.41 |
| | | | Sg | 36:24.13 | 0.52 |
| ARSA | 74.9 | 211 | Sg | 13:36:36.16 | -1.42 |
| MODS | 110.8 | 57 | Sg | 13:36:46.80 | -2.18 |
| KRUC | 139.6 | 11 | Sn | 13:36:54.94 | -2.32 |

929.

2021-06-28 time: 16:45:46.51 UTC ML= 0.9
 lat: 47.599N lon: 16.354E h= 0.0 km
 erh= 1.4km erz= 2.4km
 nr= 16 gap=120 rms=0.62
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 12.0 | 339 | PgU | 16:45:48.70 | 0.05 |
| | | | Sg | 45:50.86 | 0.54 |
| SOP | 18.0 | 59 | Pg | 16:45:49.55 | -0.17 |
| | | | Sg | 45:52.82 | 0.59 |
| CONA | 52.0 | 315 | Pg | 16:45:56.73 | 0.94 |
| | | | Sg | 46:02.86 | -0.17 |
| WINA | 60.3 | 340 | Pg | 16:45:57.43 | 0.15 |

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ARSA | 73.7 | 238 | Sg | 46:06.22 | 0.55 |
| EGYH | 76.4 | 105 | Sg | 16:46:09.49 | -0.45 |
| MPLH | 101.5 | 118 | Sg | 16:46:11.39 | 0.59 |
| MODS | 110.3 | 39 | Sg | 16:46:18.53 | -0.23 |
| ABNA | 137.4 | 330 | Pn | 16:46:20.63 | -0.94 |
| | | | Sn | 16:46:10.70 | 0.02 |
| | | | Sn | 46:27.85 | -1.68 |
| KRUC | 162.7 | 1 | Pn | 16:46:13.11 | -0.72 |
| | | | Sn | 46:32.79 | -2.34 |

930.

2021-06-28 time: 23:15:32.42 UTC ML= 0.2
 lat: 47.309N lon: 18.256E h= 7.9 km
 erh= 2.8km erz= 2.2km
 nr= 6 gap=204 rms=0.11
 Locality: Fehérvár-surgó
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 6.0 | 3 | Pg | 23:15:34.12 | -0.07 |
| | | | Sg | 15:35.37 | -0.20 |
| PKSG | 13.7 | 48 | Pg | 23:15:35.25 | 0.00 |
| | | | Sg | 15:37.63 | 0.18 |
| PKST | 17.6 | 252 | PgD | 23:15:35.85 | -0.02 |
| | | | Sg | 15:38.77 | 0.21 |

931.

2021-06-29 time: 6:54:42.55 UTC ML= 1.9
 lat: 47.876N lon: 19.389E h= 0.0 km
 erh= 3.0km erz= 3.2km
 nr= 19 gap=118 rms=1.15
 Locality: Berceľ
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 12.4 | 220 | Pg | 6:54:45.38 | 0.62 |
| | | | Sg | 54:47.85 | 1.35 |
| PSZ | 38.1 | 83 | PgU | 6:54:49.15 | -0.20 |
| | | | Sg | 54:54.57 | -0.09 |
| A338 | 79.0 | 281 | Sg | 6:55:06.23 | -1.41 |
| VYHS | 80.1 | 329 | Pg | 6:54:57.84 | 0.99 |
| | | | Sg | 55:05.92 | -2.08 |
| PKSG | 92.3 | 234 | Sg | 6:55:10.39 | -1.50 |
| KECS | 105.9 | 50 | Pg | 6:55:01.15 | -0.31 |
| | | | Sg | 55:14.00 | -2.21 |
| PKST | 122.9 | 236 | Pg | 6:55:04.67 | 0.19 |
| PKB1 | 129.5 | 200 | Sg | 6:55:21.19 | -2.51 |
| LANS | 141.9 | 2 | Pn | 6:55:08.74 | 1.47 |
| | | | Sn | 55:25.51 | -1.04 |
| ABAH | 145.6 | 71 | Sn | 6:55:27.11 | -0.27 |
| MPLH | 159.9 | 241 | Pn | 6:55:11.05 | 1.54 |
| | | | Sn | 55:30.53 | -0.02 |
| MODS | 166.7 | 289 | Sn | 6:55:31.13 | -0.93 |
| NIE | 184.6 | 22 | Sn | 6:55:37.15 | 1.11 |

932.

2021-06-29 time: 7:59:33.62 UTC ML= 1.6
 lat: 48.579N lon: 20.701E h= 0.0 km
 erh= 2.1km erz= 461km
 nr= 7 gap=183 rms=0.30
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 19.1 | 236 | Pg | 7:59:36.91 | -0.13 |
| | | | Sg | 59:39.92 | 0.22 |
| ABAH | 50.8 | 128 | Pg | 7:59:42.93 | 0.24 |
| | | | Sg | 59:49.41 | -0.35 |
| PSZ | 94.8 | 219 | Pg | 7:59:50.82 | 0.27 |
| | | | Sg | 8:00:02.71 | -1.04 |
| LANS | 110.6 | 305 | Pg | 7:59:53.28 | -0.09 |

Hypocenter Parameters

Földrengés paraméterek

933.

2021-06-29 time: 8:12:15.00 UTC ML= 1.5
 lat: 46.854N lon: 17.356E h= 0.0 km
 erh= 2.9km erz= 5.6km
 nr= 12 gap= 96 rms=0.95
 Locality: Lesencetomaj
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 37.8 | 22 | Pg | 8:12:22.28 | 0.53 |
| | | | Sg | 12:25.99 | -1.02 |
| PKST | 68.4 | 49 | Pg | 8:12:28.35 | 1.13 |
| | | | Sg | 12:36.88 | 0.14 |
| KOGS | 95.9 | 242 | Sg | 8:12:44.82 | -0.68 |
| KOVH | 102.6 | 146 | Pg | 8:12:34.22 | 0.90 |
| | | | Sg | 12:47.43 | -0.17 |
| MORH | 121.7 | 126 | Sg | 8:12:52.35 | -1.33 |
| PKSM | 121.8 | 126 | Sg | 8:12:52.65 | -1.06 |
| RONA | 123.5 | 320 | Sg | 8:12:51.70 | -2.57 |
| CONA | 164.3 | 317 | Sn | 8:13:04.25 | 0.27 |
| PERS | 172.8 | 262 | Sn | 8:13:05.65 | -0.23 |

934.

2021-06-29 time: 8:42:45.64 UTC ML= 1.6
 lat: 47.009N lon: 22.271E h= 0.0 km
 erh= 3.3km erz= 4.7km
 nr= 7 gap=160 rms=0.53
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 41.4 | 126 | PgU | 8:42:53.32 | 0.29 |
| | | | Sg | 42:58.44 | -0.35 |
| SIRR | 94.8 | 210 | Pg | 8:43:03.21 | 0.64 |
| | | | Sg | 43:14.91 | -0.87 |
| TRPA | 126.3 | 9 | Pg | 8:43:07.88 | -0.31 |
| BZS | 162.8 | 198 | Pn | 8:43:13.31 | 0.33 |
| | | | Sn | 43:33.29 | -1.00 |

935.

2021-06-29 time: 8:55:11.61 UTC ML= 1.2
 lat: 48.727N lon: 19.970E h= 0.0 km
 erh= 3.8km erz= 7.6km
 nr= 9 gap= 99 rms=1.07
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 46.7 | 126 | Pg | 8:55:20.48 | 0.53 |
| | | | Sg | 55:25.54 | -0.92 |
| LANS | 59.7 | 322 | Sg | 8:55:30.56 | -0.03 |
| NIE | 80.9 | 18 | Sg | 8:55:36.75 | -0.57 |
| VYHS | 87.5 | 253 | Pg | 8:55:29.06 | 1.82 |
| | | | Sg | 55:37.15 | -2.28 |
| PSZ | 90.1 | 184 | Sg | 8:55:39.96 | -0.30 |
| ABAH | 105.4 | 117 | Sg | 8:55:44.98 | -0.11 |
| A338 | 143.6 | 237 | Sn | 8:55:55.37 | -0.64 |

936.

2021-06-29 time: 9:01:38.62 UTC ML= 1.0
 lat: 47.201N lon: 18.318E h= 0.0 km
 erh= 0.6km erz= 1.5km
 nr= 13 gap=111 rms=0.22
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 18.5 | 346 | Pg | 9:01:41.95 | 0.02 |
| | | | Sg | 01:44.11 | -0.40 |
| PKSG | 21.9 | 14 | Pg | 9:01:42.71 | 0.18 |

| | | | | | |
|------|-------|-----|----|------------|--------|
| | | | Sg | 01:45.92 | 0.34 |
| PKST | 22.5 | 287 | Pg | 9:01:42.46 | -0.17 |
| | | | Sg | 01:45.62 | -0.14 |
| MPLH | 59.1 | 267 | Pg | 9:01:49.43 | 0.25 |
| | | | Sg | 01:57.27 | -0.14 |
| MORH | 112.3 | 167 | Sg | 9:02:14.04 | -0.28 |
| PKSM | 112.7 | 167 | Sg | 9:02:14.64 | 0.20 |
| KOVH | 124.8 | 188 | Sg | 9:02:18.35 | 0.06 |
| PSZ | 142.9 | 56 | Sn | 9:02:22.67 | -0.19 |
| VYHS | 148.9 | 15 | Sn | 9:02:22.57 | -1.62* |

937.

2021-06-29 time: 10:17:15.45 UTC ML= 1.3
 lat: 45.591N lon: 17.275E h= 10.8 km
 erh= 3.7km erz= 0.9km
 nr= 8 gap=343 rms=0.17
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 82.9 | 67 | Pg | 10:17:30.52 | 0.14 |
| | | | Sg | 17:41.82 | -0.21 |
| KOVH | 84.6 | 49 | Pg | 10:17:30.45 | -0.23 |
| | | | Sg | 17:42.85 | 0.28 |
| PKSM | 126.5 | 57 | Pn | 10:17:36.95 | 0.08 |
| | | | Sn | 17:53.42 | -0.16 |
| MORH | 126.9 | 57 | Pn | 10:17:37.05 | 0.13 |
| | | | Sn | 17:53.55 | -0.12 |

938.

2021-06-29 time: 13:36:34.12 UTC ML= 0.9
 lat: 47.836N lon: 16.004E h= 0.0 km
 erh= 2.4km erz= 849km
 nr= 10 gap=105 rms=0.66
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 14.8 | 314 | Pg | 13:36:37.15 | 0.39 |
| | | | Sg | 36:39.56 | 0.74 |
| RONA | 26.6 | 125 | Pg | 13:36:38.96 | 0.09 |
| | | | Sg | 36:43.07 | 0.49 |
| WINA | 30.6 | 10 | Pg | 13:36:40.04 | 0.46 |
| | | | Sg | 36:44.09 | 0.25 |
| ARSA | 74.5 | 209 | Sg | 13:36:56.99 | -0.81 |
| ABNA | 102.0 | 335 | Pg | 13:36:52.27 | -0.06 |
| | | | Sg | 37:05.16 | -1.38 |
| MODS | 112.1 | 58 | Sg | 13:37:08.14 | -1.60 |

939.

2021-06-29 time: 16:37:06.23 UTC ML= 1.0
 lat: 45.996N lon: 18.458E h= 0.0 km
 erh= 5.7km erz= ***km
 nr= 11 gap=202 rms=1.02
 Locality: Szederkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 20.0 | 233 | Pg | 16:37:09.94 | 0.14 |
| | | | Sg | 37:10.39 | -2.19 |
| PKSM | 27.8 | 31 | Pg | 16:37:10.44 | -0.76 |
| | | | Sg | 37:14.46 | -0.62 |
| MORH | 28.3 | 31 | Pg | 16:37:10.41 | -0.88 |
| | | | Sg | 37:14.45 | -0.78 |
| KOVH | 29.5 | 290 | Pg | 16:37:11.89 | 0.38 |
| | | | Sg | 37:16.22 | 0.60 |
| PKB4 | 56.7 | 11 | Pg | 16:37:18.55 | 2.19 |
| | | | Sg | 37:23.89 | -0.36 |
| PKB1 | 91.3 | 16 | Pg | 16:37:23.37 | 0.84 |

Földrengés paraméterek

Hypocenter Parameters

940.

2021-06-30 time: 7:59:08.79 UTC ML= 1.3
 lat: 47.469N lon: 18.704E h= 0.0 km
 erh= 1.3km erz= 3.4km
 nr= 15 gap=114 rms=0.63
 Locality: Herceghalom
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 23.3 | 91 | Sg | 7:59:16.77 | 0.59 |
| BUD | 24.2 | 86 | Sg | 7:59:16.22 | -0.25 |
| PKSG | 25.1 | 250 | Pg | 7:59:13.76 | 0.48 |
| | | | Sg | 59:17.28 | 0.50 |
| CSKK | 35.5 | 251 | Pg | 7:59:15.52 | 0.40 |
| | | | Sg | 59:20.19 | 0.13 |
| PKST | 55.7 | 245 | Pg | 7:59:17.73 | -1.01 |
| | | | Sg | 59:26.51 | 0.01 |
| PKB1 | 76.4 | 175 | Sg | 7:59:33.31 | 0.24 |
| PKB5 | 97.2 | 179 | Sg | 7:59:39.59 | -0.09 |
| PSZ | 102.4 | 61 | Sg | 7:59:41.58 | 0.24 |
| VYHS | 114.4 | 5 | Pg | 7:59:29.65 | 0.43 |
| | | | Sg | 59:44.61 | -0.55 |
| MORH | 139.4 | 182 | Sn | 7:59:49.60 | -2.64 |
| PKSM | 139.8 | 182 | Sn | 7:59:50.50 | -1.84 |

941.

2021-06-30 time: 8:06:43.34 UTC ML= 1.5
 lat: 46.273N lon: 21.892E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 8 gap=139 rms=0.75
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 17.9 | 268 | Pg | 8:06:46.79 | 0.26 |
| | | | Sg | 06:48.80 | -0.22 |
| BZS | 76.0 | 196 | Pg | 8:06:56.23 | -0.68 |
| | | | Sg | 07:06.67 | -0.83 |
| DRGR | 85.3 | 47 | Pg | 8:06:59.24 | 0.67 |
| | | | Sg | 07:08.78 | -1.68 |
| GZR | 119.5 | 145 | Pg | 8:07:05.67 | 0.99 |
| | | | Sg | 07:21.43 | 0.10 |

942.

2021-06-30 time: 8:20:46.64 UTC ML= 1.0
 lat: 46.146N lon: 17.984E h= 0.0 km
 erh= 2.0km erz= 3.5km
 nr= 13 gap=199 rms=0.51
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 11.0 | 126 | Pg | 8:20:48.70 | 0.09 |
| | | | Sg | 20:49.70 | -0.44 |
| PKSV | 35.4 | 144 | Pg | 8:20:53.24 | 0.28 |
| | | | Sg | 20:57.06 | -0.83 |
| PKSM | 51.3 | 82 | Pg | 8:20:56.13 | 0.34 |
| | | | Sg | 21:02.66 | -0.27 |
| MORH | 51.5 | 81 | Pg | 8:20:56.25 | 0.41 |
| | | | Sg | 21:02.56 | -0.46 |
| PKS9 | 54.0 | 25 | Sg | 8:21:04.89 | 1.09 |
| PKB5 | 76.4 | 49 | Sg | 8:21:11.42 | 0.51 |
| MPLH | 118.8 | 343 | Sg | 8:21:23.57 | -0.83 |
| PKST | 123.8 | 2 | Sg | 8:21:25.58 | -0.40 |
| PKSG | 141.9 | 13 | Sn | 8:21:29.79 | -0.87 |

943.

2021-06-30 time: 9:21:04.20 UTC ML= 1.3
 lat: 48.386N lon: 18.459E h= 0.0 km
 erh= 2.9km erz= 7.4km
 nr= 11 gap= 90 rms=0.98
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 30.4 | 67 | Pg | 9:21:10.54 | 0.92 |
| | | | Sg | 21:14.46 | 0.61 |
| A338 | 42.0 | 191 | Sg | 9:21:19.28 | 1.74 |
| MODS | 87.6 | 269 | Sg | 9:21:32.14 | 0.11 |
| PENC | 90.2 | 137 | Sg | 9:21:32.89 | 0.02 |
| PKSG | 110.7 | 183 | Sg | 9:21:39.16 | -0.21 |
| CSKK | 114.7 | 187 | Sg | 9:21:40.27 | -0.38 |
| PSZ | 118.8 | 116 | Pg | 9:21:25.37 | -0.03 |
| | | | Sg | 21:39.63 | -2.32 |
| PKST | 129.3 | 194 | Sg | 9:21:43.98 | -1.31 |
| MORC | 168.6 | 337 | Sn | 9:21:52.52 | -1.61 |

944.

2021-06-30 time: 10:26:22.58 UTC ML= 1.6
 lat: 47.859N lon: 20.158E h= 0.0 km
 erh= 4.0km erz= 4.9km
 nr= 8 gap=190 rms=0.60
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 20.8 | 288 | Pg | 10:26:27.11 | 0.81 |
| | | | Sg | 26:29.77 | 0.58 |
| PENC | 66.1 | 263 | Sg | 10:26:42.92 | -0.67 |
| KECS | 73.5 | 19 | Sg | 10:26:45.69 | -0.26 |
| ABAH | 94.1 | 59 | Pg | 10:26:39.46 | 0.08 |
| | | | Sg | 26:52.51 | 0.03 |
| VYHS | 121.0 | 306 | Sg | 10:26:59.84 | -1.22 |
| PKSG | 142.7 | 249 | Sn | 10:27:06.37 | -0.40 |

945.

2021-06-30 time: 10:44:45.65 UTC ML= 1.5
 lat: 46.806N lon: 17.283E h= 0.0 km
 erh= 2.6km erz= 4.6km
 nr= 14 gap=102 rms=0.80
 Locality: Keszthely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 44.9 | 26 | Sg | 10:44:59.16 | -0.77 |
| PKST | 76.1 | 49 | Pg | 10:44:58.79 | -0.45 |
| | | | Sg | 45:09.91 | 0.06 |
| KOGS | 88.5 | 243 | Sg | 10:45:14.33 | 0.54 |
| CSKK | 96.7 | 50 | Pg | 10:45:04.19 | 1.28 |
| | | | Sg | 45:15.64 | -0.73 |
| KOVH | 101.5 | 142 | Sg | 10:45:17.05 | -0.85 |
| PKSG | 106.4 | 52 | Pg | 10:45:05.29 | 0.65 |
| | | | Sg | 45:18.94 | -0.51 |
| MORH | 123.3 | 122 | Pg | 10:45:08.33 | 0.66 |
| | | | Sg | 45:21.97 | -2.88 |
| PKSM | 123.4 | 122 | Pg | 10:45:07.93 | 0.25 |
| GROS | 141.7 | 254 | Sn | 10:45:28.82 | -0.80 |
| ARSA | 142.6 | 290 | Sn | 10:45:28.72 | -1.11 |

946.

2021-07-01 time: 4:23:25.92 UTC ML= 1.9
 lat: 48.843N lon: 22.476E h= 0.9 km
 erh= 1.7km erz= 2.1km
 nr= 11 gap=166 rms=0.40
 Locality: Ukraine
 Comments:

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOLS | 17.9 | 304 | PgD | 4:23:29.11 | -0.01 |
| | | | Sg | 23:32.45 | 0.84 |
| TRPA | 79.4 | 177 | Pg | 4:23:40.43 | 0.33 |
| | | | Sg | 23:51.32 | 0.16 |
| KWP | 89.3 | 11 | Pg | 4:23:41.95 | 0.09 |
| | | | Sg | 23:53.70 | -0.59 |
| ABAH | 109.7 | 236 | Pg | 4:23:45.22 | -0.28 |
| | | | Sg | 23:59.76 | -1.01 |
| KECS | 152.0 | 255 | Pn | 4:23:51.85 | 0.06 |
| | | | Sn | 24:11.93 | -0.04 |
| NIE | 170.3 | 292 | Sn | 4:24:16.25 | 0.21 |
| DRGR | 228.8 | 176 | Pn | 4:24:06.81 | 5.44* |

947.

2021-07-01 time: 8:41:39.11 UTC ML= 1.6
 lat: 46.113N lon: 21.726E h= 0.0 km
 erh= 4.3km erz= ***km
 nr= 8 gap=155 rms=0.82
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 17.9 | 343 | Pg | 8:41:42.35 | 0.04 |
| | | | Sg | 41:44.91 | 0.10 |
| BZS | 55.8 | 189 | Pg | 8:41:48.93 | -0.15 |
| | | | Sg | 41:55.85 | -1.00 |
| DRGR | 106.8 | 45 | Pg | 8:41:58.31 | 0.12 |
| | | | Sg | 42:10.97 | -2.10 |
| GZR | 114.4 | 134 | Pg | 8:42:01.03 | 1.50 |
| | | | Sg | 42:15.08 | -0.38 |

948.

2021-07-01 time: 8:44:05.89 UTC ML= 1.6
 lat: 47.328N lon: 18.431E h= 0.0 km
 erh= 1.3km erz= 1.9km
 nr= 8 gap=196 rms=0.23
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.7 | 337 | Pg | 8:44:07.39 | 0.13 |
| | | | Sg | 44:08.00 | -0.33 |
| CSKK | 13.5 | 287 | Pg | 8:44:08.62 | 0.32 |
| | | | Sg | 44:09.83 | -0.34 |
| PKST | 31.0 | 256 | Sg | 8:44:15.73 | -0.01 |
| MORH | 124.8 | 173 | Sg | 8:44:45.33 | -0.22 |
| PKSM | 125.2 | 173 | Sg | 8:44:45.58 | -0.10 |
| KOVH | 140.2 | 190 | Sn | 8:44:49.59 | 0.07 |

949.

2021-07-01 time: 8:44:43.27 UTC ML= 1.9
 lat: 48.210N lon: 21.243E h= 0.0 km
 erh= 2.3km erz= 3.7km
 nr= 10 gap=157 rms=0.55
 Locality: Rátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 9.6 | 358 | Pg | 8:44:44.75 | -0.24 |
| | | | Sg | 44:45.77 | -0.55 |
| KECS | 63.8 | 298 | Pg | 8:44:54.96 | 0.28 |
| | | | Sg | 45:03.03 | -0.54 |
| TRPA | 96.8 | 95 | Pg | 8:45:01.24 | 0.68 |
| | | | Sg | 45:12.87 | -1.17 |
| PSZ | 105.6 | 252 | Sg | 8:45:16.02 | -0.83 |
| KOLS | 110.7 | 43 | Pg | 8:45:03.55 | 0.51 |
| | | | Sg | 45:18.39 | -0.06 |
| NIE | 150.8 | 333 | Sn | 8:45:29.67 | 0.40 |

950.

2021-07-01 time: 8:46:37.80 UTC ML= 1.4
 lat: 48.576N lon: 20.769E h= 0.0 km
 erh= 3.4km erz= 4.4km
 nr= 9 gap= 90 rms=1.18
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.3 | 244 | Pg | 8:46:42.19 | 0.22 |
| | | | Sg | 46:46.10 | 0.88 |
| ABAH | 46.7 | 132 | Pg | 8:46:46.45 | 0.31 |
| | | | Sg | 46:53.54 | 0.89 |
| PSZ | 97.8 | 222 | Sg | 8:47:07.99 | -0.90 |
| NIE | 99.5 | 340 | Pg | 8:46:57.14 | 1.57 |
| KOLS | 117.5 | 70 | Sg | 8:47:13.44 | -1.72 |
| TRPA | 140.2 | 111 | Sn | 8:47:19.46 | -1.99 |
| VYHS | 143.0 | 266 | Sn | 8:47:20.44 | -1.63 |

951.

2021-07-01 time: 9:05:35.34 UTC ML= 1.0
 lat: 48.562N lon: 20.801E h= 0.0 km
 erh= 9.3km erz= ***km
 nr= 6 gap=189 rms=1.15
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.9 | 249 | Pg | 9:05:41.16 | 1.38 |
| | | | Sg | 05:43.77 | 0.52 |
| ABAH | 43.9 | 132 | Pg | 9:05:43.55 | 0.37 |
| | | | Sg | 05:48.33 | -0.96 |
| PSZ | 98.3 | 223 | Sg | 9:06:05.06 | -1.51 |
| LANS | 117.7 | 304 | Sg | 9:06:10.89 | -1.86 |

952.

2021-07-01 time: 9:40:01.61 UTC ML= 1.8
 lat: 48.659N lon: 19.611E h= 3.1 km
 erh= 2.5km erz= 4.7km
 nr= 13 gap= 97 rms=0.81
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 55.6 | 349 | Pg | 9:40:12.19 | 0.63 |
| | | | Sg | 40:18.75 | -0.57 |
| VYHS | 60.1 | 252 | Pg | 9:40:12.76 | 0.41 |
| | | | Sg | 40:19.56 | -1.17 |
| KECS | 67.4 | 107 | Pg | 9:40:14.47 | 0.81 |
| | | | Sg | 40:22.18 | -0.88 |
| PSZ | 85.0 | 166 | Pg | 9:40:17.55 | 0.75 |
| | | | Sg | 40:27.94 | -0.71 |
| NIE | 98.8 | 31 | Pg | 9:40:19.32 | 0.06 |
| | | | Sg | 40:31.17 | -1.87 |
| PENC | 99.7 | 194 | Sg | 9:40:32.15 | -1.15 |
| ABAH | 127.0 | 109 | Pn | 9:40:24.80 | 0.72 |
| | | | Sn | 40:40.54 | -1.07 |

953.

2021-07-01 time: 16:05:35.77 UTC ML= 1.0
 lat: 47.569N lon: 16.344E h= 0.0 km
 erh= 4.2km erz= 962km
 nr= 8 gap=188 rms=0.72
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| RONA | 14.9 | 346 | PgU | 16:05:38.75 | 0.32 |
| | | | Sg | 05:40.64 | 0.13 |
| SOP | 20.5 | 52 | Pg | 16:05:39.84 | 0.42 |

Földrengés paraméterek

Hypocenter Parameters

Sg 05:42.39 0.11
 CONA 53.9 318 Pg 16:05:46.30 0.91
 Sg 05:51.37 -1.52
 ARSA 71.4 240 Sg 16:05:57.21 -1.25
 MODS 113.4 38 Pg 16:05:55.43 -0.58

VYHS 59.3 253 Pg 19:29:46.78 0.31
 Sg 29:53.56 -1.22
 KECS 67.4 106 Pg 19:29:48.78 0.86
 Sg 29:56.22 -1.13
 PSZ 83.9 165 Pg 19:29:51.70 0.86
 Sg 30:01.94 -0.61

954.

2021-07-01 time: 16:18:37.00 UTC ML= 1.0
 lat: 45.916N lon: 18.603E h= 0.0 km
 erh= 5.2km erz= 896km
 nr= 10 gap=258 rms=0.70
 Locality: Majs
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 27.4 | 264 | Pg | 16:18:42.28 | 0.39 |
| | | | Sg | 18:46.10 | 0.39 |
| PKSM | 33.1 | 5 | Pg | 16:18:42.78 | -0.12 |
| | | | Sg | 18:47.25 | -0.26 |
| MORH | 33.5 | 5 | Pg | 16:18:42.83 | -0.16 |
| | | | Sg | 18:47.25 | -0.41 |
| KOVH | 43.5 | 296 | Pg | 16:18:43.79 | -0.97 |
| | | | Sg | 18:49.55 | -1.26 |
| PKS9 | 78.7 | 341 | Pg | 16:18:52.12 | 1.06 |
| | | | Sg | 19:03.12 | 1.10 |

955.

2021-07-01 time: 17:31:28.65 UTC ML= 1.6
 lat: 47.831N lon: 16.249E h= 8.9 km
 erh= 1.7km erz= 1.7km
 nr= 25 gap= 62 rms=0.86
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 15.0 | 166 | Pg | 17:31:32.08 | 0.31 |
| | | | Sg | 31:34.18 | -0.02 |
| SOP | 28.4 | 125 | Pg | 17:31:34.49 | 0.52 |
| | | | Sg | 31:38.18 | 0.06 |
| CONA | 30.9 | 291 | Pg | 17:31:34.22 | -0.17 |
| | | | Sg | 31:38.88 | 0.00 |
| WINA | 33.4 | 337 | Pg | 17:31:35.70 | 0.87 |
| | | | Sg | 31:40.29 | 0.65 |
| ZST | 75.6 | 57 | Sg | 17:31:52.86 | 0.03 |
| ARSA | 84.5 | 220 | Pg | 17:31:42.80 | -1.03 |
| | | | Sg | 31:53.27 | -2.40 |
| EGYH | 93.5 | 119 | Sg | 17:31:58.31 | -0.20 |
| MODS | 97.5 | 52 | Pg | 17:31:46.00 | -0.14 |
| | | | Sg | 31:59.21 | -0.57 |
| ABNA | 111.3 | 327 | Pn | 17:31:47.64 | -0.78 |
| | | | Sn | 32:00.39 | -3.45 |
| SMOL | 116.1 | 49 | Sn | 17:32:04.74 | -0.16 |
| KRUC | 137.3 | 5 | Pn | 17:31:51.66 | 0.00 |
| | | | Sn | 32:08.79 | -0.83 |
| MOA | 148.4 | 271 | Pn | 17:31:54.37 | 1.32 |
| | | | Sn | 32:11.07 | -1.01 |
| KOGS | 153.7 | 180 | Sn | 17:32:14.73 | 1.47 |
| PERS | 158.1 | 213 | Sn | 17:32:14.98 | 0.75 |
| BIOA | 196.3 | 265 | Pn | 17:32:01.97 | 2.95 |
| | | | Sn | 32:24.64 | 1.93 |

956.

2021-07-01 time: 19:29:35.83 UTC ML= 1.6
 lat: 48.647N lon: 19.606E h= 6.1 km
 erh= 0.8km erz=14.5km
 nr= 8 gap=116 rms=0.83
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| LANS | 56.9 | 350 | Pg | 19:29:46.10 | 0.06 |
| | | | Sg | 29:52.50 | -1.50 |

957.

2021-07-02 time: 7:11:23.16 UTC ML= 1.2
 lat: 47.076N lon: 18.025E h= 0.0 km
 erh= 1.5km erz= 3.0km
 nr= 13 gap=109 rms=0.50
 Locality: Balatonfüzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 20.3 | 2 | Pg | 7:11:26.63 | -0.16 |
| | | | Sg | 11:29.75 | 0.13 |
| CSKK | 36.5 | 29 | Sg | 7:11:35.02 | 0.25 |
| MPLH | 38.3 | 286 | Pg | 7:11:30.43 | 0.43 |
| | | | Sg | 11:34.52 | -0.82 |
| PKSG | 44.7 | 38 | Sg | 7:11:37.23 | -0.13 |
| MORH | 106.7 | 154 | Pg | 7:11:42.62 | 0.41 |
| | | | Sg | 11:56.48 | -0.60 |
| PKSM | 107.0 | 154 | Pg | 7:11:42.94 | 0.67 |
| | | | Sg | 11:56.86 | -0.31 |
| KOVH | 109.9 | 177 | Sg | 7:11:57.37 | -0.74 |
| VYHS | 169.0 | 21 | Sn | 7:12:13.12 | -0.06 |
| PSZ | 169.1 | 56 | Sn | 7:12:11.82 | -1.39 |

958.

2021-07-02 time: 8:00:06.37 UTC ML= 1.3
 lat: 48.593N lon: 20.806E h= 0.0 km
 erh= 3.1km erz= 2.6km
 nr= 6 gap=230 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 26.6 | 243 | Sg | 8:00:15.09 | 0.26 |
| ABAH | 46.0 | 136 | Pg | 8:00:14.64 | 0.05 |
| | | | Sg | 00:20.76 | -0.24 |
| PSZ | 101.0 | 222 | Pg | 8:00:24.78 | 0.37 |
| | | | Sg | 00:37.73 | -0.75 |
| VYHS | 145.9 | 266 | Sn | 8:00:50.94 | -0.33 |

959.

2021-07-02 time: 8:05:51.72 UTC ML= 1.9
 lat: 47.832N lon: 19.861E h= 0.0 km
 erh= 2.2km erz= 2.2km
 nr= 21 gap=137 rms=0.81
 Locality: Gyöngyösorszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 9.9 | 15 | PgU | 8:05:54.12 | 0.63 |
| | | | Sg | 05:56.18 | 1.31 |
| PENC | 43.6 | 264 | Pg | 8:05:59.74 | 0.23 |
| | | | Sg | 06:07.17 | 1.58 |
| KECS | 86.0 | 33 | Sg | 8:06:18.92 | -0.14 |
| VYHS | 106.0 | 314 | Pg | 8:06:10.73 | 0.09 |
| | | | Sg | 06:24.88 | -0.52 |
| A338 | 114.6 | 280 | Sg | 8:06:28.40 | 0.26 |
| ABAH | 115.0 | 63 | Pg | 8:06:11.53 | -0.72 |
| | | | Sg | 06:27.58 | -0.68 |
| PKSG | 120.9 | 246 | Pg | 8:06:12.83 | -0.48 |
| | | | Sg | 06:29.30 | -0.85 |
| CSKK | 131.2 | 247 | Sn | 8:06:32.01 | -1.34 |
| PKB2 | 137.0 | 200 | Sn | 8:06:33.97 | -0.67 |
| LANS | 149.5 | 349 | Sn | 8:06:36.24 | -1.17 |
| PKST | 151.6 | 245 | Sn | 8:06:37.14 | -0.74 |
| PKB4 | 176.5 | 213 | Sn | 8:06:44.13 | 0.73 |

Hypocenter Parameters

NIE 179.6 11 Sn 8:06:44.72 0.63
 MORH 202.1 207 Sn 8:06:51.07 1.98
 PKSM 202.6 207 Sn 8:06:50.83 1.63
 KOVH 235.7 215 Sn 8:06:59.42 2.87*

960.

2021-07-02 time: 8:52:19.41 UTC ML= 1.5
 lat: 48.560N lon: 19.337E h= 0.0 km
 erh= 1.8km erz= 2.4km
 nr= 11 gap=135 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 37.7 | 259 | Pg | 8:52:26.40 | 0.26 |
| | | | Sg | 52:30.91 | -0.48 |
| PSZ | 82.5 | 150 | Pg | 8:52:34.62 | 0.48 |
| | | | Sg | 52:45.26 | -0.37 |
| KECS | 85.3 | 96 | Pg | 8:52:34.92 | 0.27 |
| | | | Sg | 52:46.07 | -0.46 |
| PENC | 85.6 | 183 | Sg | 8:52:46.24 | -0.39 |
| NIE | 119.3 | 37 | Sg | 8:52:56.28 | -1.06 |
| ABAH | 143.9 | 102 | Pn | 8:52:45.06 | 0.68 |
| | | | Sn | 53:03.31 | -0.55 |
| MODS | 153.7 | 262 | Sn | 8:53:05.82 | -0.22 |

961.

2021-07-02 time: 9:09:36.64 UTC ML= 0.9
 lat: 47.184N lon: 18.295E h= 0.0 km
 erh= 1.2km erz= 148km
 nr= 6 gap=276 rms=0.09
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 20.1 | 353 | Pg | 9:09:40.18 | -0.05 |
| | | | Sg | 09:42.78 | -0.25 |
| PKST | 21.4 | 293 | Pg | 9:09:40.50 | 0.03 |
| | | | Sg | 09:43.46 | 0.01 |
| PKSG | 24.2 | 17 | Pg | 9:09:40.99 | 0.02 |
| | | | Sg | 09:44.51 | 0.17 |

962.

2021-07-02 time: 10:47:21.87 UTC ML= 1.1
 lat: 48.647N lon: 20.771E h= 0.0 km
 erh= 3.4km erz= 3.1km
 nr= 5 gap=235 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 27.9 | 229 | Pg | 10:47:27.41 | 0.57 |
| | | | Sg | 47:30.34 | -0.39 |
| ABAH | 52.2 | 138 | Sg | 10:47:38.22 | -0.25 |
| PSZ | 103.9 | 219 | Sg | 10:47:54.82 | -0.09 |
| VYHS | 143.8 | 263 | Sn | 10:48:05.82 | -0.48 |

963.

2021-07-02 time: 11:11:52.15 UTC ML= 1.3
 lat: 46.968N lon: 22.281E h= 0.0 km
 erh= 1.6km erz= 0.8km
 nr= 5 gap=270 rms=0.07
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|------|
| DRGR | 38.2 | 121 | Pg | 11:11:58.99 | 0.01 |
| | | | Sg | 12:04.31 | 0.00 |
| SIRR | 91.3 | 211 | Sg | 11:12:21.18 | 0.01 |
| BZS | 158.7 | 199 | Sn | 11:12:39.96 | 0.05 |

Földrengés paraméterek

GZR 179.2 168 Sn 11:12:44.11 -0.34
 964.

2021-07-02 time: 14:07:48.22 UTC ML= 2.5
 lat: 45.833N lon: 16.798E h= 12.7 km
 erh= 2.6km erz= 2.4km
 nr= 42 gap=104 rms=1.05
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| ZAG | 62.5 | 270 | Pg | 14:07:59.78 | 0.18 |
| | | | Sg | 08:08.43 | -0.05 |
| PTJ | 65.6 | 277 | Pg | 14:07:59.52 | -0.64 |
| | | | Sg | 08:08.02 | -1.45 |
| KOGS | 80.4 | 328 | Pg | 14:08:02.56 | -0.21 |
| | | | Sg | 08:13.10 | -1.01 |
| CRES | 104.2 | 270 | Pn | 14:08:06.41 | -0.22 |
| | | | Sn | 08:20.47 | -0.51 |
| KOVH | 104.9 | 74 | Pn | 14:08:05.09 | -1.62 |
| | | | Sn | 08:17.69 | -3.44 |
| PKSV | 113.1 | 87 | Pn | 14:08:06.56 | -1.18 |
| | | | Sn | 08:19.61 | -3.35 |
| GROS | 122.1 | 305 | Pn | 14:08:08.04 | -0.82 |
| BLY | 124.2 | 166 | Pn | 14:08:09.44 | 0.32 |
| | | | Sn | 08:24.99 | -0.43 |
| PKS9 | 141.8 | 54 | Pn | 14:08:11.45 | 0.14 |
| | | | Sn | 08:28.83 | -0.49 |
| PKSM | 148.9 | 74 | Pn | 14:08:12.47 | 0.28 |
| | | | Sn | 08:30.16 | -0.73 |
| MORH | 149.2 | 73 | Pn | 14:08:12.30 | 0.06 |
| | | | Sn | 08:30.02 | -0.94 |
| PERS | 157.4 | 305 | Pn | 14:08:14.92 | 1.66 |
| PKB4 | 157.8 | 62 | Pn | 14:08:14.86 | 1.55 |
| | | | Sn | 08:33.02 | 0.14 |
| MPLH | 159.2 | 21 | Pn | 14:08:13.99 | 0.50 |
| SOKA | 165.4 | 305 | Pn | 14:08:16.22 | 1.96 |
| | | | Sn | 08:35.68 | 1.12 |
| PKB5 | 171.9 | 60 | Pn | 14:08:16.69 | 1.62 |
| | | | Sn | 08:36.83 | 0.83 |
| PKST | 184.8 | 31 | Pn | 14:08:17.71 | 1.04 |
| | | | Sn | 08:39.83 | 0.97 |
| ARSA | 185.5 | 328 | Pn | 14:08:18.58 | 1.82 |
| PKB1 | 186.5 | 55 | Sn | 14:08:40.30 | 1.05 |
| OBKA | 189.3 | 293 | Pn | 14:08:17.70 | 0.47 |
| | | | Sn | 08:40.11 | 0.25 |
| RONA | 211.1 | 350 | Pn | 14:08:20.50 | 0.55 |
| CONA | 243.7 | 343 | Pn | 14:08:23.18 | -0.84 |
| | | | Sn | 08:49.98 | -1.95 |
| WINA | 258.8 | 348 | Pn | 14:08:24.93 | -0.98 |
| | | | Sn | 08:52.54 | -2.76 |
| MOA | 295.9 | 319 | Pn | 14:08:30.02 | -0.51 |
| | | | Sn | 09:03.06 | -0.47* |
| ABNA | 332.0 | 342 | Pn | 14:08:34.21 | -0.82* |
| | | | Sn | 09:08.85 | -2.69* |

965.

2021-07-02 time: 15:08:25.14 UTC ML= 1.2
 lat: 47.513N lon: 16.317E h= 0.0 km
 erh= 5.3km erz= 5.8km
 nr= 10 gap=200 rms=1.00
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 20.8 | 356 | PgU | 15:08:29.18 | 0.33 |
| | | | Sg | 08:31.29 | -0.45 |
| SOP | 26.2 | 44 | Pg | 15:08:30.39 | 0.57 |
| | | | Sg | 08:33.50 | 0.03 |
| CONA | 57.4 | 323 | Pg | 15:08:36.97 | 1.58 |
| | | | Sg | 08:43.04 | -0.35 |
| ARSA | 66.7 | 244 | Sg | 15:08:45.07 | -1.26 |
| MODS | 119.6 | 37 | Sg | 15:09:01.54 | -1.61 |

Földrengés paraméterek

KRUC 172.3 2 Pn 15:08:53.86 0.21
Sn 09:13.64 -2.26

966.

2021-07-04 time: 22:48:07.17 UTC ML= 1.9
lat: 45.578N lon: 16.096E h= 6.1 km
erh= 2.9km erz= 2.5km
nr= 22 gap=137 rms=0.81
Locality: Croatia
Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CRES | 56.9 | 299 | Pg | 22:48:17.62 | | | 0.23 |
| | | | Sg | 48:24.85 | | | -0.51 |
| KOGS | 97.5 | 7 | Pg | 22:48:24.85 | | | 0.24 |
| | | | Sg | 48:37.10 | | | -1.11 |
| GROS | 108.4 | 335 | Pg | 22:48:26.52 | | | -0.04 |
| | | | Sg | 48:40.37 | | | -1.31 |
| BLY | 125.7 | 137 | Pn | 22:48:28.06 | | | -1.04 |
| | | | Sn | 48:43.73 | | | -2.47 |
| PERS | 139.9 | 327 | Pn | 22:48:31.14 | | | 0.28 |
| SOKA | 147.3 | 326 | Pn | 22:48:32.34 | | | 0.55 |
| | | | Sn | 48:49.92 | | | -1.08 |
| OBKA | 158.3 | 311 | Pn | 22:48:33.63 | | | 0.47 |
| | | | Sn | 48:53.30 | | | -0.14 |
| KOVH | 165.7 | 70 | Pn | 22:48:35.29 | | | 1.20 |
| | | | Sn | 48:53.73 | | | -1.35 |
| PKSV | 171.4 | 78 | Pn | 22:48:35.49 | | | 0.70 |
| | | | Sn | 48:55.99 | | | -0.34 |
| TRI | 182.4 | 275 | Sn | 22:49:00.15 | | | 1.37 |
| PKSM | 209.8 | 70 | Pn | 22:48:39.91 | | | 0.33 |
| | | | Sn | 49:06.22 | | | 1.36 |
| MORH | 210.1 | 70 | Sn | 22:49:06.42 | | | 1.49 |
| RONA | 236.4 | 4 | Pn | 22:48:42.97 | | | 0.07 |

967.

2021-07-04 time: 22:58:30.02 UTC ML= 1.2
lat: 47.832N lon: 20.545E h= 8.9 km
erh= 2.3km erz= 2.1km
nr= 7 gap=153 rms=0.27
Locality: Mezőkövesd
Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PSZ | 49.6 | 281 | Pg | 22:58:39.36 | | | 0.34 |
| | | | Sg | 58:45.79 | | | -0.25 |
| KECS | 72.5 | 356 | Sg | 22:58:53.24 | | | 0.00 |
| ABAH | 73.0 | 45 | Pg | 22:58:43.20 | | | 0.04 |
| | | | Sg | 58:52.74 | | | -0.66 |
| PKS7 | 136.1 | 230 | Sn | 22:59:10.67 | | | -0.05 |
| TRPA | 152.5 | 77 | Sn | 22:59:14.36 | | | 0.00 |

968.

2021-07-05 time: 6:51:30.52 UTC ML= 1.2
lat: 47.101N lon: 18.051E h= 0.0 km
erh= 2.4km erz= 4.5km
nr= 9 gap=121 rms=0.52
Locality: Vilonya
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKST | 17.6 | 356 | Pg | 6:51:33.10 | | | -0.57 |
| | | | Sg | 51:35.94 | | | -0.18 |
| CSKK | 33.2 | 29 | Pg | 6:51:37.10 | | | 0.65 |
| | | | Sg | 51:40.59 | | | -0.48 |
| MPLH | 39.5 | 281 | Pg | 6:51:38.05 | | | 0.47 |
| | | | Sg | 51:42.97 | | | -0.12 |
| PKSG | 41.3 | 39 | Sg | 6:51:44.17 | | | 0.51 |
| KOVH | 112.6 | 178 | Sg | 6:52:05.41 | | | -0.91 |
| PSZ | 166.0 | 57 | Sn | 6:52:19.80 | | | -0.08 |

Hypocenter Parameters

969.

2021-07-05 time: 6:57:18.52 UTC ML= 1.8
lat: 47.952N lon: 20.054E h= 0.0 km
erh= 3.4km erz= 3.4km
nr= 14 gap=142 rms=0.91
Locality: Mátraderecske
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PSZ | 12.5 | 253 | Pg | 6:57:21.26 | | | 0.52 |
| | | | Sg | 57:22.56 | | | 0.08 |
| PENC | 60.5 | 253 | Pg | 6:57:29.91 | | | 0.59 |
| | | | Sg | 57:37.14 | | | -0.60 |
| KECS | 67.2 | 29 | Sg | 6:57:40.65 | | | 0.76 |
| ABAH | 96.2 | 67 | Pg | 6:57:35.45 | | | -0.25 |
| | | | Sg | 57:48.20 | | | -0.90 |
| VYHS | 108.7 | 304 | Pg | 6:57:38.74 | | | 0.81 |
| | | | Sg | 57:51.60 | | | -1.47 |
| PKSG | 139.6 | 243 | Sn | 6:57:59.94 | | | -2.07 |
| LANS | 140.1 | 342 | Sn | 6:58:02.45 | | | 0.31 |
| CSKK | 149.8 | 244 | Sn | 6:58:02.79 | | | -1.49 |
| MORH | 220.7 | 209 | Sn | 6:58:23.70 | | | 3.68* |
| PKSM | 221.2 | 209 | Sn | 6:58:22.56 | | | 2.43 |

970.

2021-07-05 time: 7:50:49.91 UTC ML= 1.1
lat: 48.058N lon: 20.710E h= 0.0 km
erh= 2.9km erz= 589km
nr= 6 gap=200 rms=0.35
Locality: Miskolctapolca
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| ABAH | 47.4 | 56 | Pg | 7:50:58.53 | | | 0.16 |
| | | | Sg | 51:04.56 | | | -0.42 |
| KECS | 50.1 | 341 | Pg | 7:50:59.28 | | | 0.43 |
| | | | Sg | 51:05.07 | | | -0.76 |
| PSZ | 62.8 | 256 | Pg | 7:51:01.15 | | | 0.02 |
| | | | Sg | 51:09.69 | | | -0.19 |

971.

2021-07-05 time: 10:00:21.39 UTC ML= 1.8
lat: 48.164N lon: 16.900E h= 0.0 km
erh= 5.2km erz= 3.4km
nr= 10 gap=154 rms=0.65
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ZST | 15.5 | 77 | Pg | 10:00:24.56 | | | 0.40 |
| | | | Sg | 00:26.20 | | | -0.12 |
| MODS | 36.5 | 50 | Pg | 10:00:28.21 | | | 0.31 |
| | | | Sg | 00:32.59 | | | -0.39 |
| SMOL | 55.2 | 45 | Sg | 10:00:39.22 | | | 0.27 |
| CONA | 81.7 | 251 | Pg | 10:00:36.45 | | | 0.47 |
| | | | Sg | 00:46.10 | | | -1.27 |
| ARSA | 144.9 | 225 | Pn | 10:00:47.00 | | | 0.51 |
| | | | Sn | 01:04.57 | | | -1.50 |
| VYHS | 148.2 | 76 | Sn | 10:01:05.78 | | | -1.03 |

972.

2021-07-05 time: 16:55:48.21 UTC ML= 0.9
lat: 47.566N lon: 16.341E h= 0.0 km
erh= 2.0km erz= 493km
nr= 8 gap=189 rms=0.35
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|------|
| RONA | 15.2 | 347 | PgU | 16:55:51.16 | | | 0.23 |

Hypocenter Parameters

Földrengés paraméterek

| | | | Sg | 55:52.97 | -0.08 |
|------|-------|-----|----|-------------|-------|
| SOP | 20.9 | 51 | Pg | 16:55:52.14 | 0.19 |
| | | | Sg | 55:54.77 | -0.09 |
| CONA | 54.0 | 318 | Pg | 16:55:58.06 | 0.21 |
| | | | Sg | 56:04.94 | -0.43 |
| ARSA | 71.0 | 240 | Sg | 16:56:10.43 | -0.35 |
| MODS | 113.8 | 38 | Sg | 16:56:22.16 | -2.23 |

973.

2021-07-06 time: 7:09:06.47 UTC ML= 1.2
 lat: 47.972N lon: 20.375E h= 0.0 km
 erh= 6.9km erz= ***km
 nr= 5 gap=200 rms=0.51
 Locality: Felsőtárkány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 36.4 | 261 | Pg | 7:09:13.50 | 0.53 |
| | | | Sg | 09:17.22 | -0.82 |
| KECS | 57.5 | 8 | Pg | 7:09:16.79 | 0.05 |
| | | | Sg | 09:25.03 | 0.29 |
| ABAH | 73.8 | 61 | Sg | 7:09:29.19 | -0.73 |

974.

2021-07-06 time: 7:47:57.10 UTC ML= 1.4
 lat: 47.197N lon: 18.311E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 12 gap=111 rms=0.46
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.9 | 348 | Pg | 7:48:00.50 | 0.02 |
| | | | Sg | 48:02.71 | -0.40 |
| PKST | 22.1 | 288 | Pg | 7:48:01.10 | 0.05 |
| | | | Sg | 48:04.01 | -0.11 |
| PKSG | 22.5 | 15 | Pg | 7:48:01.57 | 0.45 |
| | | | Sg | 48:04.28 | 0.02 |
| MORH | 112.0 | 167 | Sg | 7:48:32.94 | 0.25 |
| PKSM | 112.4 | 167 | Sg | 7:48:32.49 | -0.33 |
| KOVH | 124.3 | 187 | Sg | 7:48:36.05 | -0.55 |
| PSZ | 143.7 | 56 | Pn | 7:48:22.76 | 0.71 |
| | | | Sn | 48:40.53 | -0.98 |
| VYHS | 149.5 | 15 | Sn | 7:48:41.24 | -1.56 |

975.

2021-07-06 time: 8:19:45.58 UTC ML= 1.3
 lat: 48.608N lon: 20.714E h= 0.0 km
 erh= 3.8km erz= 3.7km
 nr= 7 gap=227 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.9 | 230 | Pg | 8:19:49.81 | 0.32 |
| | | | Sg | 19:52.72 | 0.19 |
| ABAH | 52.1 | 132 | Sg | 8:20:02.16 | 0.00 |
| PSZ | 97.9 | 218 | Pg | 8:20:03.71 | 0.64 |
| | | | Sg | 20:15.51 | -1.20 |
| VYHS | 139.2 | 265 | Pn | 8:20:09.84 | -0.14 |
| | | | Sn | 20:28.02 | -0.98 |

976.

2021-07-06 time: 9:46:27.65 UTC ML= 2.2
 lat: 48.359N lon: 17.388E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 8 gap=147 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 8.4 | 281 | PgU | 9:46:28.93 | -0.22 |
| | | | Sg | 46:30.45 | 0.14 |
| SMOL | 17.5 | 10 | Pg | 9:46:31.10 | 0.32 |
| | | | Sg | 46:33.96 | 0.74 |
| ZST | 27.9 | 230 | Pg | 9:46:33.58 | 0.95 |
| | | | Sg | 46:36.05 | -0.46 |
| KRUC | 107.0 | 317 | Sg | 9:46:59.36 | -2.31 |
| VYHS | 108.2 | 82 | Sg | 9:47:00.72 | -1.34 |

977.

2021-07-06 time: 10:46:27.09 UTC ML= 1.9
 lat: 47.336N lon: 18.448E h= 0.0 km
 erh= 1.5km erz= 2.4km
 nr= 13 gap=114 rms=0.65
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 7.5 | 325 | PgU | 10:46:28.91 | 0.48 |
| | | | Sg | 46:29.33 | -0.15 |
| CSKK | 14.4 | 282 | Pg | 10:46:30.24 | 0.57 |
| | | | Sg | 46:31.87 | 0.19 |
| PKST | 32.4 | 255 | Pg | 10:46:33.20 | 0.32 |
| | | | Sg | 46:36.79 | -0.60 |
| MORH | 125.5 | 173 | Sg | 10:47:06.10 | -0.87 |
| PKSM | 125.9 | 173 | Sg | 10:47:06.81 | -0.29 |
| PSZ | 126.6 | 59 | Pg | 10:46:50.34 | 0.65 |
| | | | Sg | 47:06.76 | -0.56 |
| VYHS | 132.0 | 13 | Sn | 10:47:07.36 | -1.54 |
| KOVH | 141.3 | 191 | Sn | 10:47:10.72 | -0.24 |
| MODS | 144.8 | 323 | Sn | 10:47:09.47 | -2.28 |

978.

2021-07-06 time: 11:24:43.81 UTC ML= 1.1
 lat: 47.334N lon: 18.430E h= 0.0 km
 erh= 1.7km erz= 4.5km
 nr= 8 gap=159 rms=0.46
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 7.1 | 335 | PgU | 11:24:45.36 | 0.29 |
| | | | Sg | 24:46.00 | -0.05 |
| CSKK | 13.2 | 284 | Sg | 11:24:47.67 | -0.34 |
| PKST | 31.1 | 254 | Pg | 11:24:49.87 | 0.51 |
| | | | Sg | 24:53.53 | -0.16 |
| MORH | 125.4 | 173 | Sg | 11:25:23.46 | -0.21 |
| PKSM | 125.8 | 173 | Sg | 11:25:23.35 | -0.45 |
| VYHS | 132.5 | 13 | Sn | 11:25:23.91 | -1.82 |

979.

2021-07-06 time: 13:38:53.03 UTC ML= 1.1
 lat: 47.888N lon: 16.095E h= 0.0 km
 erh= 2.4km erz= 5.3km
 nr= 8 gap= 86 rms=0.68
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 18.0 | 285 | Pg | 13:38:56.37 | 0.13 |
| | | | Sg | 38:59.58 | 0.83 |
| RONA | 25.8 | 144 | Pg | 13:38:57.97 | 0.34 |
| | | | Sg | 39:01.99 | 0.77 |
| ARSA | 82.9 | 211 | Sg | 13:39:18.37 | -0.99 |
| MODS | 103.3 | 58 | Sg | 13:39:25.70 | -0.16 |
| KRUC | 132.5 | 10 | Pn | 13:39:16.15 | -0.43 |
| | | | Sn | 39:32.32 | -2.62 |

Földrengés paraméterek

Hypocenter Parameters

980.
 2021-07-06 time: 15:41:02.78 UTC ML= 1.1
 lat: 47.574N lon: 16.340E h= 0.0 km
 erh= 1.4km erz= 2.3km
 nr= 9 gap=186 rms=0.66
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.4 | 347 | PgU | 15:41:05.64 | 0.30 |
| | | | Sg | 41:07.70 | 0.35 |
| SOP | 20.4 | 53 | Pg | 15:41:06.74 | 0.32 |
| | | | Sg | 41:09.41 | 0.14 |
| CONA | 53.3 | 318 | Pg | 15:41:12.92 | 0.62 |
| | | | Sg | 41:19.55 | -0.17 |
| ARSA | 71.4 | 240 | Sg | 15:41:24.87 | -0.59 |
| KRUC | 165.5 | 1 | Pn | 15:41:29.10 | -1.35 |
| | | | Sn | 41:49.97 | -2.06 |

981.
 2021-07-07 time: 6:23:34.43 UTC ML= 1.6
 lat: 47.015N lon: 18.001E h= 0.0 km
 erh= 1.4km erz= 2.9km
 nr= 15 gap= 84 rms=0.52
 Locality: Balatonalmádi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| TIH | 15.2 | 213 | Pg | 6:23:37.65 | 0.50 |
| PKST | 27.2 | 5 | Pg | 6:23:38.79 | -0.50 |
| | | | Sg | 23:42.82 | -0.26 |
| MPLH | 39.0 | 296 | Pg | 6:23:41.41 | 0.01 |
| | | | Sg | 23:47.15 | 0.32 |
| CSKK | 43.4 | 27 | Sg | 6:23:48.38 | 0.16 |
| PKSG | 51.2 | 35 | Pg | 6:23:44.45 | 0.87 |
| | | | Sg | 23:51.08 | 0.36 |
| PNNH | 62.4 | 343 | Sg | 6:23:53.79 | -0.48 |
| PKB5 | 73.0 | 130 | Sg | 6:23:58.13 | 0.48 |
| MORH | 101.6 | 151 | Sg | 6:24:05.89 | -0.85 |
| PKSM | 101.9 | 151 | Sg | 6:24:06.09 | -0.74 |
| KOVH | 103.3 | 176 | Sg | 6:24:06.99 | -0.29 |
| PSZ | 174.5 | 55 | Sn | 6:24:25.84 | 0.15 |
| VYHS | 175.9 | 21 | Sn | 6:24:25.03 | -0.97 |

982.
 2021-07-07 time: 6:43:22.87 UTC ML= 1.6
 lat: 45.537N lon: 17.843E h= 0.0 km
 erh= 4.8km erz= 443km
 nr= 8 gap=338 rms=0.31
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 50.4 | 39 | Pg | 6:43:32.54 | 0.68 |
| | | | Sg | 43:38.62 | -0.26 |
| KOVH | 64.4 | 18 | Pg | 6:43:34.12 | -0.25 |
| | | | Sg | 43:43.60 | 0.26 |
| PKSM | 97.3 | 40 | Pg | 6:43:39.98 | -0.26 |
| | | | Sg | 43:53.68 | -0.11 |
| MORH | 97.8 | 40 | Pg | 6:43:40.28 | -0.04 |
| | | | Sg | 43:54.08 | 0.14 |

983.
 2021-07-07 time: 6:54:33.87 UTC ML= 1.5
 lat: 45.508N lon: 17.953E h= 0.0 km
 erh= 4.5km erz= 432km
 nr= 8 gap=336 rms=0.31
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 48.3 | 29 | Pg | 6:54:42.84 | 0.35 |
| | | | Sg | 54:48.77 | -0.44 |
| KOVH | 65.5 | 10 | Pg | 6:54:45.75 | 0.19 |
| | | | Sg | 54:54.32 | -0.36 |
| PKSM | 94.7 | 34 | Pg | 6:54:50.44 | -0.35 |
| | | | Sg | 55:04.30 | 0.32 |
| MORH | 95.2 | 34 | Pg | 6:54:50.74 | -0.14 |
| | | | Sg | 55:04.50 | 0.36 |

984.
 2021-07-07 time: 7:09:44.74 UTC ML= 1.7
 lat: 46.037N lon: 22.805E h= 0.0 km
 erh= 1.6km erz= 4.1km
 nr= 9 gap=116 rms=0.39
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.7 | 156 | Pg | 7:09:48.05 | -0.03 |
| | | | Sg | 09:51.06 | 0.37 |
| GZR | 71.6 | 182 | Pg | 7:09:58.09 | 0.57 |
| | | | Sg | 10:06.72 | -0.78 |
| DRGR | 84.2 | 355 | Pg | 7:09:59.96 | 0.19 |
| | | | Sg | 10:11.34 | -0.15 |
| SIRR | 92.1 | 286 | Sg | 7:10:13.71 | -0.31 |
| BZS | 103.5 | 243 | Pg | 7:10:03.07 | -0.15 |
| VOIR | 187.0 | 111 | Sn | 7:10:37.71 | -1.05 |

985.
 2021-07-07 time: 7:10:06.15 UTC ML= 1.8
 lat: 46.045N lon: 22.796E h= 0.0 km
 erh= 1.9km erz= 3.0km
 nr= 10 gap=116 rms=0.57
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 19.8 | 155 | Pg | 7:10:10.22 | 0.54 |
| | | | Sg | 10:12.08 | -0.36 |
| GZR | 72.4 | 181 | Pg | 7:10:19.56 | 0.48 |
| | | | Sg | 10:28.85 | -0.31 |
| DRGR | 83.3 | 356 | Sg | 7:10:32.21 | -0.41 |
| SIRR | 91.2 | 286 | Sg | 7:10:34.97 | -0.16 |
| BZS | 103.2 | 243 | Sg | 7:10:38.79 | -0.17 |
| DJES | 158.3 | 188 | Sn | 7:10:52.44 | -1.36 |
| VOIR | 188.0 | 111 | Pn | 7:10:37.18 | 0.56 |
| | | | Sn | 10:58.97 | -1.42 |

986.
 2021-07-07 time: 7:47:55.07 UTC ML= 1.8
 lat: 46.929N lon: 17.296E h= 0.0 km
 erh= 3.8km erz= 8.4km
 nr= 13 gap=158 rms=1.12
 Locality: Sümegprága
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 32.6 | 35 | Pg | 7:48:00.98 | 0.09 |
| | | | Sg | 48:04.46 | -0.97 |
| PKST | 67.0 | 57 | Pg | 7:48:07.08 | 0.05 |
| | | | Sg | 48:15.34 | -1.02 |
| PKS9 | 84.1 | 117 | Sg | 7:48:23.24 | 1.43 |
| KOGS | 96.2 | 236 | Sg | 7:48:25.66 | 0.01 |
| PKSG | 97.7 | 58 | Sg | 7:48:27.11 | 1.00 |
| KOVH | 111.9 | 147 | Pg | 7:48:15.74 | 0.68 |
| | | | Sg | 48:29.75 | -0.90 |
| MORH | 130.2 | 127 | Pg | 7:48:19.76 | 1.44 |
| | | | Sg | 48:33.92 | -2.54 |
| PKSM | 130.3 | 128 | Sg | 7:48:33.12 | -3.37 |
| PTJ | 153.8 | 222 | Sn | 7:48:41.08 | -0.65 |

Hypocenter Parameters

Földrengés paraméterek

987.

2021-07-07 time: 8:27:50.50 UTC ML= 1.7
 lat: 48.518N lon: 17.473E h= 0.0 km
 erh= 3.9km erz= 5.0km
 nr= 10 gap=144 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SMOL | 3.3 | 262 | Pg | 8:27:51.55 | | | 0.46 |
| | | | Sg | | 27:52.25 | | 0.70 |
| MODS | 21.6 | 222 | Pg | 8:27:55.11 | | | 0.75 |
| | | | Sg | | 27:58.04 | | 0.68 |
| ZST | 45.1 | 217 | Sg | 8:28:04.59 | | | -0.24 |
| KRUC | 99.7 | 307 | Sg | 8:28:21.32 | | | -0.86 |
| VYHS | 100.8 | 92 | Sg | 8:28:21.46 | | | -1.07 |
| RONA | 126.3 | 224 | Sg | 8:28:28.92 | | | -1.73 |
| CONA | 136.5 | 241 | Pn | 8:28:15.17 | | | 0.62 |
| | | | Sn | | 28:31.64 | | -1.67 |

988.

2021-07-07 time: 8:57:10.98 UTC ML= 1.5
 lat: 48.552N lon: 17.468E h= 0.0 km
 erh= 1.6km erz= 2.9km
 nr= 8 gap=148 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SMOL | 5.1 | 214 | PgU | 8:57:12.12 | | | 0.22 |
| | | | Sg | | 57:12.71 | | 0.10 |
| MODS | 24.3 | 215 | Pg | 8:57:15.81 | | | 0.49 |
| | | | Sg | | 57:18.68 | | -0.03 |
| ZST | 47.9 | 214 | Sg | 8:57:25.63 | | | -0.59 |
| KRUC | 97.1 | 306 | Sg | 8:57:41.76 | | | -0.07 |
| VYHS | 101.3 | 94 | Sg | 8:57:42.86 | | | -0.31 |
| CONA | 138.0 | 240 | Sn | 8:57:53.24 | | | -0.89 |

989.

2021-07-07 time: 9:00:47.90 UTC ML= 0.9
 lat: 47.199N lon: 18.318E h= 0.0 km
 erh= 1.0km erz= 2.2km
 nr= 12 gap=111 rms=0.43
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CSKK | 18.7 | 346 | Pg | 9:00:51.38 | | | 0.13 |
| | | | Sg | | 00:54.05 | | 0.19 |
| PKSG | 22.1 | 14 | Pg | 9:00:52.54 | | | 0.69 |
| | | | Sg | | 00:54.69 | | -0.24 |
| PKST | 22.5 | 287 | Pg | 9:00:52.07 | | | 0.15 |
| | | | Sg | | 00:54.71 | | -0.35 |
| MPLH | 59.1 | 267 | Sg | 9:01:06.15 | | | -0.55 |
| MORH | 112.1 | 167 | Sg | 9:01:23.28 | | | -0.26 |
| PKSM | 112.5 | 167 | Sg | 9:01:24.03 | | | 0.37 |
| KOVH | 124.6 | 188 | Sg | 9:01:27.16 | | | -0.35 |
| PSZ | 143.1 | 56 | Sn | 9:01:31.44 | | | -0.73 |
| VYHS | 149.1 | 15 | Sn | 9:01:31.39 | | | -2.12 |

990.

2021-07-07 time: 9:14:42.49 UTC ML= 1.5
 lat: 48.623N lon: 20.769E h= 0.0 km
 erh= 4.2km erz= 5.4km
 nr= 9 gap=168 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|------|
| KECS | 26.1 | 233 | Pg | 9:14:47.85 | | | 0.70 |

| | | | | | | | |
|------|-------|-----|----|------------|----------|--|-------|
| | | | Sg | 14:51.03 | | | 0.25 |
| ABAH | 50.3 | 136 | Pg | 9:14:52.29 | | | 0.81 |
| | | | Sg | | 14:57.73 | | -0.76 |
| PSZ | 101.8 | 220 | Pg | 9:15:00.35 | | | -0.32 |
| | | | Sg | | 15:14.15 | | -0.69 |
| KOLS | 115.8 | 73 | Sg | 9:15:18.63 | | | -0.67 |
| VYHS | 143.4 | 264 | Pn | 9:15:07.60 | | | 0.19 |
| | | | Sn | | 15:25.54 | | -1.30 |

991.

2021-07-07 time: 9:37:53.30 UTC ML= 1.5
 lat: 46.041N lon: 22.793E h= 0.0 km
 erh= 2.0km erz= 3.3km
 nr= 12 gap=115 rms=0.66
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DEV | 19.5 | 154 | Pg | 9:37:57.02 | | | 0.25 |
| | | | Sg | | 37:59.83 | | 0.35 |
| GZR | 71.9 | 181 | Pg | 9:38:06.36 | | | 0.21 |
| | | | Sg | | 38:15.50 | | -0.67 |
| DRGR | 83.7 | 356 | Pg | 9:38:08.57 | | | 0.32 |
| | | | Sg | | 38:19.11 | | -0.80 |
| SIRR | 91.1 | 286 | Pg | 9:38:10.58 | | | 1.01 |
| | | | Sg | | 38:21.02 | | -1.24 |
| BZS | 102.8 | 243 | Sg | 9:38:25.94 | | | -0.05 |
| DJES | 157.8 | 188 | Sn | 9:38:39.50 | | | -1.34 |
| VOIR | 188.0 | 111 | Pn | 9:38:23.87 | | | 0.10 |
| | | | Sn | | 38:46.36 | | -1.18 |

992.

2021-07-07 time: 11:46:42.81 UTC ML= 1.5
 lat: 45.924N lon: 21.542E h= 15.8 km
 erh= 7.9km erz= 2.9km
 nr= 8 gap=203 rms=1.00
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| BZS | 34.7 | 170 | Pg | 11:46:49.62 | | | 0.01 |
| | | | Sg | | 46:53.65 | | -1.26 |
| SIRR | 39.3 | 13 | Pg | 11:46:50.40 | | | 0.04 |
| | | | Sg | | 46:54.88 | | -1.38 |
| GZR | 112.9 | 122 | Pn | 11:47:02.72 | | | 0.82 |
| | | | Sn | | 47:15.26 | | -1.53 |
| DRGR | 131.9 | 43 | Pn | 11:47:05.99 | | | 1.72 |
| | | | Sn | | 47:20.65 | | -0.37 |

993.

2021-07-07 time: 13:13:32.20 UTC ML= 0.8
 lat: 47.583N lon: 18.329E h= 0.0 km
 erh= 3.8km erz= 612km
 nr= 7 gap=169 rms=0.41
 Locality: Környe
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKSG | 21.8 | 168 | Pg | 13:13:35.97 | | | -0.11 |
| | | | Sg | | 13:38.66 | | -0.45 |
| CSKK | 25.0 | 192 | Pg | 13:13:36.93 | | | 0.27 |
| | | | Sg | | 13:40.76 | | 0.62 |
| PKST | 42.3 | 212 | Pg | 13:13:40.01 | | | 0.25 |
| | | | Sg | | 13:44.67 | | -0.98 |
| VYHS | 108.1 | 20 | Sg | 13:14:06.25 | | | -0.31 |

Földrengés paraméterek

Hypocenter Parameters

994.

 2021-07-07 time: 13:22:57.98 UTC ML= 0.9
 lat: 47.552N lon: 18.514E h= 0.0 km
 erh= 2.4km erz= 2.3km
 nr= 8 gap=163 rms=0.38
 Locality: Szárliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 20.1 | 208 | PgU | 13:23:01.92 | 0.34 |
| | | | Sg | 23:04.74 | 0.36 |
| CSKK | 28.4 | 222 | Pg | 13:23:03.23 | 0.17 |
| | | | Sg | 23:06.71 | -0.32 |
| PKST | 48.8 | 228 | Pg | 13:23:06.91 | 0.22 |
| | | | Sg | 23:12.89 | -0.59 |
| VYHS | 107.4 | 13 | Sg | 13:23:31.64 | -0.49 |
| PKSM | 149.3 | 176 | Sn | 13:23:42.83 | -0.82 |

995.

 2021-07-07 time: 16:12:08.93 UTC ML= 1.1
 lat: 47.512N lon: 16.308E h= 0.0 km
 erh= 3.7km erz= 4.1km
 nr= 10 gap=199 rms=0.80
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 20.8 | 358 | PgU | 16:12:13.54 | 0.89 |
| | | | Sg | 12:15.58 | 0.02 |
| SOP | 26.8 | 45 | Pg | 16:12:14.57 | 0.85 |
| | | | Sg | 12:17.07 | -0.38 |
| CONA | 57.1 | 324 | Pg | 16:12:19.79 | 0.66 |
| | | | Sg | 12:26.69 | -0.39 |
| ARSA | 66.0 | 244 | Sg | 16:12:29.13 | -0.78 |
| MODS | 120.1 | 37 | Sg | 16:12:45.96 | -1.14 |
| KRUC | 172.4 | 2 | Pn | 16:12:37.07 | -0.39 |
| | | | Sn | 12:57.92 | -1.80 |

996.

 2021-07-07 time: 18:21:21.55 UTC ML= 2.4
 lat: 45.552N lon: 16.087E h= 2.8 km
 erh= 2.4km erz= 2.2km
 nr= 29 gap=140 rms=0.81
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 31.6 | 347 | Pg | 18:21:27.75 | 0.53 |
| | | | Sg | 21:31.89 | 0.26 |
| PTJ | 39.9 | 345 | PgU | 18:21:28.72 | 0.02 |
| | | | Sg | 21:34.30 | 0.03 |
| CRES | 57.7 | 302 | Pg | 18:21:31.76 | -0.11 |
| | | | Sg | 21:39.29 | -0.63 |
| KOGS | 100.4 | 7 | Pg | 18:21:39.98 | 0.49 |
| | | | Sg | 21:52.43 | -1.04 |
| GROS | 110.7 | 336 | Pg | 18:21:41.17 | -0.16 |
| | | | Sg | 21:54.44 | -2.31 |
| BEHE | 115.1 | 28 | Sg | 18:21:57.45 | -0.71 |
| BLY | 124.2 | 136 | Pn | 18:21:43.02 | -0.69 |
| | | | Sn | 21:58.61 | -2.39 |
| PERS | 141.9 | 328 | Pn | 18:21:45.63 | -0.29 |
| SOKA | 149.3 | 327 | Sn | 18:22:05.61 | -0.97 |
| OBKA | 159.7 | 312 | Pn | 18:21:49.82 | 1.68 |
| | | | Sn | 22:09.19 | 0.31 |
| KOVH | 167.4 | 69 | Pn | 18:21:48.61 | -0.50 |
| | | | Sn | 22:09.48 | -1.12 |
| PKSV | 172.7 | 77 | Pn | 18:21:50.74 | 0.98 |
| | | | Sn | 22:10.80 | -0.97 |
| TRI | 181.9 | 275 | Sn | 18:22:14.72 | 0.90 |
| ARSA | 193.7 | 347 | Sn | 18:22:16.97 | 0.54 |
| PKSM | 211.4 | 70 | Pn | 18:21:56.14 | 1.54 |
| | | | Sn | 22:21.19 | 0.82 |

| | | | | | |
|------|-------|-----|----|-------------|------|
| MORH | 211.8 | 70 | Pn | 18:21:55.58 | 0.94 |
| | | | Sn | 22:21.81 | 1.36 |
| RONA | 239.3 | 4 | Pn | 18:21:58.40 | 0.34 |
| MOA | 290.9 | 331 | Pn | 18:22:05.64 | 1.14 |

997.

 2021-07-08 time: 6:10:03.29 UTC ML= 1.4
 lat: 47.299N lon: 18.335E h= 0.0 km
 erh= 2.1km erz= 2.7km
 nr= 16 gap=109 rms=0.73
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.1 | 322 | Pg | 6:10:05.07 | 0.15 |
| | | | Sg | 10:05.95 | -0.24 |
| PKSG | 11.2 | 22 | Pg | 6:10:05.52 | 0.24 |
| | | | Sg | 10:06.73 | -0.11 |
| PKST | 23.2 | 259 | Pg | 6:10:07.68 | 0.25 |
| | | | Sg | 10:11.31 | 0.65 |
| MPLH | 61.9 | 257 | Sg | 6:10:22.68 | -0.30 |
| MORH | 122.7 | 169 | Sg | 6:10:40.76 | -1.52 |
| PKSM | 123.1 | 169 | Sg | 6:10:41.42 | -0.98 |
| KOVH | 135.7 | 188 | Pn | 6:10:28.77 | 1.52 |
| | | | Sn | 10:45.48 | -0.45 |
| PSZ | 136.0 | 60 | Pn | 6:10:27.67 | 0.39 |
| | | | Sn | 10:45.85 | -0.14 |
| VYHS | 138.1 | 16 | Pn | 6:10:27.72 | 0.18 |
| | | | Sn | 10:44.24 | -2.22 |
| MODS | 143.4 | 326 | Sn | 6:10:46.20 | -1.43 |

998.

 2021-07-08 time: 7:27:21.14 UTC ML= 1.7
 lat: 48.625N lon: 18.522E h= 0.0 km
 erh= 3.1km erz= 3.8km
 nr= 15 gap=79 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 27.4 | 122 | Pg | 7:27:27.01 | 0.97 |
| | | | Sg | 27:29.78 | -0.07 |
| LANS | 90.7 | 50 | Pg | 7:27:35.95 | -1.39 |
| | | | Sg | 27:49.01 | -0.96 |
| MODS | 96.2 | 253 | Sg | 7:27:50.01 | -1.69 |
| PENC | 108.7 | 149 | Pg | 7:27:41.07 | 0.52 |
| | | | Sg | 27:55.01 | -0.67 |
| PSZ | 128.7 | 128 | Pg | 7:27:44.69 | 0.57 |
| | | | Sg | 28:00.65 | -1.40 |
| CSKK | 141.7 | 188 | Sn | 7:28:04.47 | -0.64 |
| MORC | 146.6 | 331 | Pn | 7:27:46.39 | -0.07 |
| | | | Sn | 28:05.57 | -0.63 |
| NIE | 158.0 | 56 | Pn | 7:27:49.81 | 1.94 |
| | | | Sn | 28:09.79 | 1.07 |
| KRUC | 163.5 | 287 | Sn | 7:28:10.19 | 0.24 |

999.

 2021-07-08 time: 7:50:03.91 UTC ML= 1.3
 lat: 46.163N lon: 18.002E h= 0.0 km
 erh= 1.2km erz= 1.9km
 nr= 9 gap=225 rms=0.30
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 11.2 | 137 | PgU | 7:50:06.22 | 0.31 |
| | | | Sg | 50:07.13 | -0.34 |
| PKSV | 36.1 | 148 | Pg | 7:50:10.25 | -0.11 |
| | | | Sg | 50:14.98 | -0.41 |
| PKSM | 49.7 | 84 | Pg | 7:50:13.12 | 0.34 |
| | | | Sg | 50:19.57 | -0.13 |
| MORH | 49.9 | 83 | Pg | 7:50:13.02 | 0.19 |

Hypocenter Parameters

PKSG 139.8 12 Sg 50:19.62 -0.17
 Sn 7:50:46.72 -0.75

1000.

2021-07-08 time: 8:44:43.11 UTC ML= 1.5
 lat: 47.832N lon: 19.086E h= 0.0 km
 erh= 6.2km erz= 669km
 nr= 5 gap=239 rms=0.32
 Locality: Verőce
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 15.3 | 107 | Pg | 8:44:45.70 | -0.15 |
| | | | Sg | 44:48.42 | 0.44 |
| PSZ | 61.2 | 81 | Pg | 8:44:54.21 | 0.17 |
| | | | Sg | 45:01.82 | -0.75 |
| VYHS | 76.0 | 346 | Sg | 8:45:07.36 | 0.10 |

1001.

2021-07-08 time: 10:01:23.54 UTC ML= 1.1
 lat: 47.895N lon: 16.409E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 10 gap= 84 rms=1.05
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 23.3 | 201 | Pg | 10:01:27.89 | 0.19 |
| | | | Sg | 01:31.26 | 0.32 |
| SOP | 26.1 | 155 | Sg | 10:01:31.76 | -0.06 |
| CONA | 41.1 | 275 | Pg | 10:01:31.31 | 0.44 |
| | | | Sg | 01:37.40 | 0.81 |
| MODS | 83.7 | 51 | Pg | 10:01:39.81 | 1.32 |
| | | | Sg | 01:49.45 | -0.71 |
| ARSA | 97.8 | 223 | Sg | 10:01:53.58 | -1.06 |
| MPLH | 117.2 | 133 | Sg | 10:01:59.20 | -1.60 |
| KRUC | 129.8 | 360 | Sg | 10:02:01.61 | -3.17 |

1002.

2021-07-08 time: 15:33:45.10 UTC ML= 0.7
 lat: 47.635N lon: 16.364E h= 0.0 km
 erh= 2.6km erz= 6.5km
 nr= 7 gap=241 rms=0.26
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 8.8 | 325 | PgU | 15:33:46.65 | -0.02 |
| | | | Sg | 33:48.21 | 0.32 |
| SOP | 15.6 | 70 | Pg | 15:33:47.71 | -0.17 |
| | | | Sg | 33:50.22 | 0.18 |
| CONA | 49.8 | 311 | Pg | 15:33:54.14 | 0.15 |
| | | | Sg | 34:00.61 | -0.31 |
| KRUC | 158.7 | 1 | Sn | 15:34:30.37 | -2.46* |

1003.

2021-07-09 time: 8:04:15.17 UTC ML= 1.7
 lat: 48.549N lon: 19.307E h= 0.0 km
 erh= 1.9km erz= 2.2km
 nr= 17 gap= 60 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| VYHS | 35.3 | 260 | Pg | 8:04:22.38 | 0.90 |
| | | | Sg | 04:26.45 | 0.05 |
| LANS | 68.0 | 10 | Sg | 8:04:36.39 | -0.38 |
| PSZ | 82.6 | 148 | Pg | 8:04:30.34 | 0.43 |
| | | | Sg | 04:40.48 | -0.93 |
| KECS | 87.4 | 95 | Pg | 8:04:31.22 | 0.45 |

Földrengés paraméterek

SRO 110.2 222 Sg 04:41.86 -1.08
 Sg 8:04:48.69 -1.52
 NIE 121.6 37 Pg 8:04:37.95 1.06
 Sg 04:52.73 -1.09
 PKSG 145.7 208 Sn 8:04:59.03 -1.00
 ABAH 145.7 101 Pn 8:04:40.86 0.48
 Sn 04:59.84 -0.20
 MODS 151.4 263 Pn 8:04:40.96 -0.12
 Sn 05:01.95 0.66
 CSKK 153.3 211 Sn 8:05:01.14 -0.57
 MORC 187.7 317 Sn 8:05:08.67 -0.68

1004.

2021-07-09 time: 8:08:35.78 UTC ML= 2.0
 lat: 48.877N lon: 21.321E h= 0.0 km
 erh= 2.9km erz= 3.9km
 nr= 13 gap=135 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 64.8 | 185 | Pg | 8:08:48.17 | 0.81 |
| | | | Sg | 08:54.44 | -1.95 |
| KOLS | 70.1 | 85 | Pg | 8:08:48.75 | 0.45 |
| | | | Sg | 08:58.21 | 0.15 |
| KECS | 75.5 | 235 | Pg | 8:08:50.28 | 1.03 |
| | | | Sg | 08:58.76 | -1.01 |
| NIE | 95.1 | 309 | Pg | 8:08:53.27 | 0.52 |
| | | | Sg | 09:04.61 | -1.39 |
| TRPA | 122.5 | 133 | Pg | 8:08:56.91 | -0.73 |
| | | | Sg | 09:13.17 | -1.53 |
| PSZ | 150.0 | 225 | Pn | 8:09:01.80 | 0.28 |
| | | | Sn | 09:21.91 | 0.31 |
| VYHS | 187.8 | 257 | Sn | 8:09:29.84 | -0.14 |

1005.

2021-07-09 time: 8:09:30.32 UTC ML= 1.2
 lat: 48.574N lon: 20.708E h= 0.0 km
 erh= 2.0km erz= 4.1km
 nr= 11 gap= 91 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 19.3 | 238 | Pg | 8:09:34.05 | 0.28 |
| | | | Sg | 09:36.82 | 0.37 |
| ABAH | 50.0 | 128 | Pg | 8:09:39.93 | 0.68 |
| | | | Sg | 09:45.25 | -0.97 |
| PSZ | 94.7 | 220 | Pg | 8:09:47.36 | 0.13 |
| | | | Sg | 10:00.16 | -0.26 |
| NIE | 98.3 | 343 | Pg | 8:09:48.66 | 0.79 |
| LANS | 111.3 | 305 | Sg | 8:10:04.78 | -0.92 |
| KOLS | 121.8 | 71 | Sg | 8:10:08.30 | -0.74 |
| VYHS | 138.5 | 266 | Pn | 8:09:54.24 | -0.39 |
| | | | Sn | 10:11.81 | -1.78 |

1006.

2021-07-09 time: 9:01:56.34 UTC ML= 2.0
 lat: 48.242N lon: 21.271E h= 0.0 km
 erh= 2.5km erz= 2.9km
 nr= 14 gap=105 rms=0.82
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 6.4 | 339 | PgU | 9:01:57.74 | 0.25 |
| | | | Sg | 01:58.84 | 0.46 |
| KECS | 64.0 | 295 | Pg | 9:02:07.98 | 0.20 |
| | | | Sg | 02:15.71 | -0.99 |
| TRPA | 95.2 | 98 | Sg | 9:02:26.25 | -0.34 |
| KOLS | 106.6 | 44 | Pg | 9:02:15.78 | 0.39 |
| | | | Sg | 02:27.83 | -2.41 |

Földrengés paraméterek

Hypocenter Parameters

PSZ 108.7 251 Pg 9:02:15.38 -0.37
 Sg 02:29.94 -0.95
 NIE 148.5 332 Sn 9:02:42.48 0.65
 LANS 166.8 307 Sn 9:02:45.80 -0.08
 VYHS 182.5 279 Sn 9:02:50.32 0.94
 DRGR 194.4 146 Pn 9:02:29.87 2.25
 Sn 02:50.92 -1.09

1007.

2021-07-09 time: 9:54:53.83 UTC ML= 1.5
 lat: 47.862N lon: 19.125E h= 0.0 km
 erh= 1.4km erz= 1.9km
 nr= 12 gap=102 rms=0.44
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 14.2 | 124 | Pg | 9:54:56.65 | 0.29 |
| | | | Sg | 54:58.26 | -0.08 |
| PSZ | 57.9 | 84 | Pg | 9:55:04.69 | 0.52 |
| | | | Sg | 55:12.32 | 0.09 |
| VYHS | 73.5 | 343 | Pg | 9:55:07.15 | 0.20 |
| | | | Sg | 55:17.79 | 0.60 |
| PKSG | 76.0 | 227 | Sg | 9:55:17.49 | -0.51 |
| KECS | 122.5 | 56 | Pg | 9:55:15.28 | -0.43 |
| | | | Sg | 55:31.45 | -1.32 |
| MPLH | 142.1 | 237 | Sn | 9:55:37.77 | -0.12 |
| EGYH | 143.6 | 250 | Sn | 9:55:37.77 | -0.44 |
| LANS | 145.5 | 10 | Sn | 9:55:38.17 | -0.47 |

1008.

2021-07-10 time: 13:17:12.16 UTC ML= 1.2
 lat: 47.563N lon: 16.348E h= 0.0 km
 erh= 0.6km erz= 1.0km
 nr= 9 gap=176 rms=0.26
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 15.7 | 346 | PgU | 13:17:15.03 | 0.07 |
| | | | Sg | 17:17.01 | -0.14 |
| SOP | 20.7 | 50 | Pg | 13:17:16.16 | 0.30 |
| | | | Sg | 17:18.77 | 0.02 |
| CONA | 54.6 | 318 | Pg | 13:17:22.23 | 0.32 |
| | | | Sg | 17:29.43 | -0.08 |
| MODS | 113.8 | 38 | Sg | 13:17:48.06 | -0.27 |
| SOKA | 140.1 | 225 | Pn | 13:17:36.51 | -0.15 |
| KRUC | 166.7 | 1 | Pn | 13:17:39.46 | -0.52 |
| | | | Sn | 17:59.36 | -2.32* |

1009.

2021-07-10 time: 16:04:39.91 UTC ML= 1.4
 lat: 48.422N lon: 17.008E h= 0.0 km
 erh= 0.5km erz= 148km
 nr= 7 gap=163 rms=0.10
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| MODS | 20.6 | 105 | Pg | 16:04:43.77 | 0.17 |
| | | | Sg | 04:46.38 | -0.09 |
| ZST | 26.0 | 164 | Pg | 16:04:44.55 | -0.01 |
| | | | Sg | 04:48.04 | -0.14 |
| SMOL | 32.8 | 72 | Sg | 16:04:50.27 | -0.05 |
| KRUC | 84.3 | 328 | Pg | 16:04:54.91 | -0.05 |
| | | | Sg | 05:06.75 | 0.05 |

1010.

2021-07-12 time: 7:49:58.78 UTC ML= 1.6
 lat: 47.111N lon: 17.830E h= 0.0 km
 erh= 3.1km erz= 7.5km
 nr= 11 gap=117 rms=1.13
 Locality: Márkó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 22.6 | 43 | Pg | 7:50:03.18 | 0.36 |
| | | | Sg | 50:06.08 | 0.11 |
| MPLH | 23.0 | 287 | Sg | 7:50:06.48 | 0.39 |
| TIH | 23.9 | 168 | Pg | 7:50:04.45 | 1.40 |
| | | | Sg | 50:07.80 | 1.42 |
| CSKK | 43.0 | 49 | Sg | 7:50:12.69 | 0.24 |
| PKSG | 52.7 | 54 | Sg | 7:50:15.34 | -0.20 |
| KOVH | 115.5 | 170 | Sg | 7:50:34.35 | -1.14 |
| MORH | 117.4 | 148 | Sg | 7:50:34.46 | -1.63 |
| PKSM | 117.6 | 148 | Sg | 7:50:34.25 | -1.92 |
| MODS | 146.4 | 344 | Sn | 7:50:41.73 | -2.06 |

1011.

2021-07-12 time: 8:46:03.92 UTC ML= 0.8
 lat: 47.977N lon: 16.059E h= 0.0 km
 erh= 6.9km erz= ***km
 nr= 5 gap=122 rms=0.90
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 15.7 | 250 | Pg | 8:46:07.00 | 0.28 |
| | | | Sg | 46:09.01 | 0.11 |
| RONA | 35.6 | 150 | Sg | 8:46:14.43 | -0.82 |
| MODS | 100.8 | 64 | Sg | 8:46:37.43 | 1.47 |
| KRUC | 123.1 | 12 | Sg | 8:46:41.55 | -1.50 |

1012.

2021-07-12 time: 9:05:12.33 UTC ML= 1.4
 lat: 48.543N lon: 20.760E h= 0.0 km
 erh= 2.7km erz= 3.4km
 nr= 8 gap=220 rms=0.31
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.4 | 252 | Pg | 9:05:16.35 | 0.21 |
| | | | Sg | 05:19.64 | 0.52 |
| ABAH | 44.9 | 128 | Pg | 9:05:20.10 | -0.24 |
| | | | Sg | 05:26.80 | 0.21 |
| PSZ | 94.7 | 223 | Pg | 9:05:29.26 | 0.02 |
| | | | Sg | 05:41.94 | -0.49 |
| VYHS | 142.3 | 268 | Pn | 9:05:37.06 | -0.04 |
| | | | Sn | 05:54.46 | -1.96 |

1013.

2021-07-12 time: 9:08:08.08 UTC ML= 1.6
 lat: 48.788N lon: 16.231E h= 0.0 km
 erh= 3.1km erz= 3.0km
 nr= 10 gap=178 rms=0.64
 Locality: Czech Republic
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 32.8 | 22 | Pg | 9:08:14.41 | 0.48 |
| | | | Sg | 08:18.62 | 0.13 |
| MODS | 89.9 | 121 | Sg | 9:08:36.99 | 0.34 |
| CONA | 99.4 | 196 | Pg | 9:08:26.32 | 0.49 |
| | | | Sg | 08:38.71 | -0.97 |
| RONA | 121.1 | 178 | Sg | 9:08:46.00 | -0.57 |
| MORC | 145.6 | 41 | Pn | 9:08:33.15 | -0.12 |

Hypocenter Parameters

Földrengés paraméterek

Sn 08:51.83 -1.09
 KRLC 148.7 16 Sn 9:08:52.63 -0.96
 ARSA 178.9 197 Sn 9:09:01.79 1.48

1014.

2021-07-12 time: 9:29:39.35 UTC ML= 0.7
 lat: 48.459N lon: 20.663E h= 0.0 km
 erh= 6.2km erz= 7.7km
 nr= 6 gap=162 rms=0.99
 Locality: Varbóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 13.4 | 282 | Pg | 9:29:42.56 | 0.83 |
| | | | Sg | 29:44.82 | 1.23 |
| ABAH | 46.4 | 113 | Sg | 9:29:54.48 | 0.38 |
| PSZ | 82.9 | 224 | Sg | 9:30:05.00 | -0.70 |
| LANS | 116.7 | 311 | Sg | 9:30:15.09 | -1.35 |
| VYHS | 135.1 | 272 | Sn | 9:30:20.57 | -1.28 |

1015.

2021-07-12 time: 10:16:09.47 UTC ML= 1.4
 lat: 48.798N lon: 21.167E h= 0.0 km
 erh= 0.7km erz= 0.9km
 nr= 6 gap=204 rms=0.17
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 56.1 | 174 | Pg | 10:16:19.60 | 0.12 |
| | | | Sg | 16:27.26 | -0.04 |
| KECS | 61.2 | 235 | Pg | 10:16:20.53 | 0.13 |
| | | | Sg | 16:28.89 | -0.03 |
| KOLS | 82.6 | 80 | Sg | 10:16:35.59 | -0.12 |
| PSZ | 135.9 | 224 | Sn | 10:16:51.66 | -0.48 |

1016.

2021-07-12 time: 11:18:38.00 UTC ML= 1.4
 lat: 48.377N lon: 19.855E h= 0.0 km
 erh= 3.6km erz= 965km
 nr= 6 gap=156 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 48.2 | 76 | Pg | 11:18:47.02 | 0.42 |
| | | | Sg | 18:52.75 | -0.56 |
| PSZ | 51.1 | 177 | Pg | 11:18:47.43 | 0.30 |
| | | | Sg | 18:53.75 | -0.50 |
| VYHS | 76.5 | 280 | Sg | 11:19:01.18 | -1.13 |
| A338 | 118.7 | 250 | Sg | 11:19:16.35 | 0.61 |

1017.

2021-07-12 time: 11:26:15.77 UTC ML= 1.1
 lat: 47.575N lon: 18.410E h= 0.0 km
 erh= 2.9km erz= 301km
 nr= 6 gap=325 rms=0.18
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 20.5 | 184 | Pg | 11:26:19.35 | -0.07 |
| | | | Sg | 26:22.16 | -0.11 |
| CSKK | 26.2 | 206 | Pg | 11:26:20.35 | -0.09 |
| | | | Sg | 26:24.37 | 0.29 |
| PKST | 45.2 | 219 | Pg | 11:26:24.07 | 0.23 |
| | | | Sg | 26:29.86 | -0.28 |

1018.

2021-07-12 time: 13:21:53.57 UTC ML= 1.6
 lat: 45.869N lon: 22.719E h= 6.0 km
 erh= 3.6km erz= 5.8km
 nr= 9 gap=145 rms=0.82
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 14.4 | 83 | Pg | 13:21:56.33 | -0.03 |
| | | | Sg | 21:58.09 | -0.44 |
| GZR | 53.0 | 175 | Pg | 13:22:03.81 | 0.71 |
| | | | Sg | 22:10.19 | -0.34 |
| BZS | 90.3 | 252 | Pg | 13:22:09.33 | -0.39 |
| | | | Sg | 22:21.30 | -1.02 |
| SIRR | 93.2 | 298 | Pg | 13:22:11.79 | 1.55 |
| | | | Sg | 22:22.04 | -1.21 |
| VOIR | 187.9 | 105 | Sn | 13:22:45.84 | -0.57 |

1019.

2021-07-12 time: 16:03:42.37 UTC ML= 1.0
 lat: 47.672N lon: 16.397E h= 0.0 km
 erh= 3.1km erz= 3.3km
 nr= 9 gap=208 rms=0.37
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 8.1 | 292 | Pg | 16:03:43.43 | -0.39 |
| | | | Sg | 03:45.18 | 0.23 |
| SOP | 12.2 | 84 | Pg | 16:03:44.51 | -0.03 |
| | | | Sg | 03:46.35 | 0.11 |
| CONA | 49.2 | 305 | Pg | 16:03:51.34 | 0.20 |
| | | | Sg | 03:58.34 | 0.35 |
| MODS | 102.0 | 40 | Pg | 16:04:00.90 | 0.33 |
| | | | Sg | 04:13.35 | -1.42 |
| KRUC | 154.5 | 360 | Sn | 16:04:28.52 | -0.66 |

1020.

2021-07-13 time: 9:56:21.34 UTC ML= 0.8
 lat: 46.025N lon: 18.483E h= 0.0 km
 erh= 1.5km erz= 294km
 nr= 8 gap=199 rms=0.22
 Locality: Máriakéménd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 23.4 | 230 | Pg | 9:56:25.50 | -0.02 |
| | | | Sg | 56:28.36 | -0.43 |
| PKSM | 24.1 | 30 | Pg | 9:56:25.86 | 0.21 |
| | | | Sg | 56:28.88 | -0.13 |
| MORH | 24.6 | 30 | Pg | 9:56:25.69 | -0.05 |
| | | | Sg | 56:28.76 | -0.41 |
| KOVH | 30.5 | 283 | Pg | 9:56:27.06 | 0.28 |
| | | | Sg | 56:31.08 | 0.05 |

1021.

2021-07-13 time: 10:00:56.98 UTC ML= 1.6
 lat: 48.105N lon: 16.924E h= 0.0 km
 erh= 2.2km erz= 437km
 nr= 10 gap=173 rms=0.34
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZST | 16.7 | 53 | Pg | 10:01:00.17 | 0.21 |
| | | | Sg | 01:02.39 | 0.10 |
| MODS | 39.7 | 41 | Pg | 10:01:03.90 | -0.18 |
| | | | Sg | 01:09.14 | -0.47 |
| RONA | 65.1 | 226 | Pg | 10:01:08.73 | 0.12 |

Földrengés paraméterek

Hypocenter Parameters

CONA 81.7 256 Sg 01:17.00 -0.67
 Pg 10:01:11.86 0.30
 Sg 01:22.64 -0.30
 KRUC 113.3 340 Pg 10:01:17.50 0.29
 Sg 01:29.59 -3.40*

1022.

2021-07-13 time: 11:12:59.21 UTC ML= 0.7
 lat: 47.933N lon: 16.123E h= 0.0 km
 erh= 0.9km erz= 233km
 nr= 5 gap=144 rms=0.10
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 19.5 | 268 | Pg | 11:13:02.82 | 0.13 |
| | | | Sg | 13:05.23 | -0.18 |
| RONA | 29.1 | 153 | Pg | 11:13:04.43 | 0.03 |
| | | | Sg | 13:08.36 | -0.09 |
| KRUC | 127.1 | 9 | Sg | 11:13:39.54 | -0.06 |

1023.

2021-07-14 time: 7:10:27.53 UTC ML= 1.2
 lat: 46.137N lon: 18.003E h= 0.0 km
 erh= 2.6km erz= 3.4km
 nr= 10 gap=216 rms=0.44
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 9.2 | 126 | Pg | 7:10:29.33 | 0.15 |
| | | | Sg | 10:30.54 | 0.07 |
| PKSV | 33.7 | 145 | Sg | 7:10:37.82 | -0.42 |
| PKSM | 50.0 | 80 | Pg | 7:10:36.71 | 0.24 |
| | | | Sg | 10:43.31 | -0.12 |
| MORH | 50.3 | 80 | Pg | 7:10:36.74 | 0.22 |
| | | | Sg | 10:43.18 | -0.35 |
| PKS9 | 54.4 | 23 | Sg | 7:10:45.80 | 0.98 |
| PKST | 124.8 | 1 | Sg | 7:11:06.16 | -1.04 |
| PKSG | 142.6 | 12 | Sn | 7:11:10.99 | -0.72 |

1024.

2021-07-14 time: 8:08:39.37 UTC ML= 1.6
 lat: 48.800N lon: 21.591E h= 0.0 km
 erh= 3.3km erz= 6.4km
 nr= 9 gap=127 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOLS | 52.2 | 73 | Pg | 8:08:49.52 | 0.83 |
| | | | Sg | 08:55.46 | -0.51 |
| KECS | 88.7 | 247 | Pg | 8:08:56.07 | 0.85 |
| | | | Sg | 09:06.74 | -0.84 |
| TRPA | 102.3 | 137 | Pg | 8:08:57.67 | 0.04 |
| | | | Sg | 09:10.37 | -1.51 |
| NIE | 116.0 | 306 | Pg | 8:09:00.20 | 0.12 |
| | | | Sg | 09:15.21 | -1.02 |
| PSZ | 159.4 | 232 | Sn | 8:09:26.99 | -0.28 |

1025.

2021-07-14 time: 10:48:14.43 UTC ML= 1.1
 lat: 48.479N lon: 19.575E h= 0.0 km
 erh= 2.4km erz= 985km
 nr= 9 gap= 82 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| VYHS | 54.7 | 272 | Pg | 10:48:24.69 | 0.50 |

PSZ 66.7 159 Sg 48:31.22 -0.58
 KECS 67.3 90 Pg 10:48:35.34 -0.30
 Pg 10:48:27.68 1.23
 Sg 48:35.72 -0.10
 LANS 75.1 354 Sg 10:48:38.10 -0.19
 PENC 79.7 196 Sg 10:48:39.43 -0.32
 NIE 117.6 27 Sg 10:48:50.53 -1.29
 ABAH 124.9 99 Sg 10:48:53.34 -0.80

1026.

2021-07-14 time: 11:20:04.76 UTC ML= 1.2
 lat: 47.876N lon: 16.069E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 7 gap=129 rms=0.68
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.6 | 291 | Pg | 11:20:08.13 | 0.40 |
| | | | Sg | 20:10.64 | 0.60 |
| RONA | 25.9 | 139 | Pg | 11:20:09.74 | 0.34 |
| | | | Sg | 20:13.55 | 0.54 |
| ARSA | 80.8 | 211 | Sg | 11:20:29.52 | -0.92 |
| KRUC | 134.0 | 10 | Pn | 11:20:28.21 | -0.30 |
| | | | Sn | 20:45.08 | -1.96 |

1027.

2021-07-15 time: 7:12:59.71 UTC ML= 1.6
 lat: 48.763N lon: 19.368E h= 0.0 km
 erh= 2.7km erz= 809km
 nr= 7 gap=137 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 43.7 | 10 | Pg | 7:13:07.81 | 0.30 |
| | | | Sg | 13:13.15 | -0.45 |
| VYHS | 49.4 | 233 | Pg | 7:13:08.81 | 0.28 |
| | | | Sg | 13:14.56 | -0.84 |
| KECS | 88.1 | 111 | Sg | 7:13:26.51 | -1.19 |
| PSZ | 101.7 | 157 | Pg | 7:13:18.38 | 0.50 |
| | | | Sg | 13:32.03 | -0.02 |

1028.

2021-07-15 time: 7:14:20.78 UTC ML= 2.0
 lat: 48.901N lon: 20.773E h= 4.0 km
 erh= 5.6km erz= 4.5km
 nr= 9 gap=179 rms=0.89
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 51.1 | 204 | Pg | 7:14:29.99 | 0.06 |
| | | | Sg | 14:36.44 | -0.63 |
| NIE | 66.6 | 330 | Sg | 7:14:40.09 | -1.90 |
| ABAH | 75.6 | 153 | Sg | 7:14:44.70 | -0.15 |
| LANS | 99.4 | 286 | Pg | 7:14:39.66 | 1.12 |
| | | | Sg | 14:51.98 | -0.42 |
| PSZ | 127.2 | 211 | Pn | 7:14:43.79 | 0.63 |
| | | | Sn | 14:59.11 | -1.50 |
| OJC | 162.7 | 334 | Sn | 7:15:09.21 | 0.72 |

1029.

2021-07-15 time: 7:43:14.13 UTC ML= 1.6
 lat: 47.326N lon: 18.460E h= 0.0 km
 erh= 1.6km erz= 2.5km
 nr= 10 gap=115 rms=0.47
 Locality: Pátka
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.0 | 324 | PgU | 7:43:15.69 | -0.04 |
| | | | Sg | 43:16.36 | -0.62 |
| CSKK | 15.6 | 285 | Pg | 7:43:17.37 | 0.45 |
| | | | Sg | 43:19.00 | -0.09 |
| PKST | 33.0 | 257 | Sg | 7:43:24.63 | -0.01 |
| MORH | 124.3 | 173 | Sg | 7:43:52.95 | -0.68 |
| PKSM | 124.7 | 174 | Sg | 7:43:53.86 | 0.10 |
| PSZ | 126.3 | 59 | Sg | 7:43:54.97 | 0.68 |
| VYHS | 132.8 | 12 | Sn | 7:43:55.17 | -0.96 |
| KOVH | 140.4 | 191 | Sn | 7:43:58.40 | 0.60 |

1030.

2021-07-15 time: 8:34:54.76 UTC ML= 1.2
 lat: 48.564N lon: 20.730E h= 0.0 km
 erh= 4.0km erz= 8.5km
 nr= 9 gap=146 rms=1.18
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 20.2 | 244 | Pg | 8:35:00.35 | 1.99 |
| | | | Sg | 35:01.95 | 0.79 |
| ABAH | 48.1 | 128 | Pg | 8:35:03.33 | -0.01 |
| | | | Sg | 35:09.58 | -0.45 |
| PSZ | 94.9 | 221 | Sg | 8:35:23.64 | -1.28 |
| NIE | 99.9 | 342 | Pg | 8:35:13.10 | 0.51 |
| | | | Sg | 35:25.05 | -1.45 |
| LANS | 113.3 | 305 | Sg | 8:35:29.87 | -0.90 |
| VYHS | 140.1 | 267 | Sn | 8:35:36.30 | -2.07 |

1031.

2021-07-15 time: 8:49:47.83 UTC ML= 2.0
 lat: 48.521N lon: 17.488E h= 0.0 km
 erh= 3.8km erz= 5.4km
 nr= 8 gap=217 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 4.5 | 259 | Pg | 8:49:48.40 | -0.23 |
| | | | Sg | 49:49.20 | -0.05 |
| MODS | 22.6 | 223 | Pg | 8:49:52.27 | 0.39 |
| | | | Sg | 49:55.74 | 0.71 |
| ZST | 46.1 | 218 | Pg | 8:49:56.08 | 0.02 |
| | | | Sg | 50:01.45 | -1.03 |
| KRUC | 100.3 | 307 | Sg | 8:50:19.68 | -0.03 |
| MORC | 139.7 | 2 | Sn | 8:50:31.05 | -0.30 |

1032.

2021-07-15 time: 9:14:55.38 UTC ML= 1.8
 lat: 48.410N lon: 17.244E h= 0.0 km
 erh= 2.8km erz= 4.2km
 nr= 10 gap=164 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 4.7 | 149 | Pg | 9:14:56.28 | 0.06 |
| | | | Sg | 14:57.76 | 0.88 |
| SMOL | 17.9 | 50 | Pg | 9:14:58.14 | -0.43 |
| | | | Sg | 15:00.21 | -0.85 |
| ZST | 26.0 | 204 | Pg | 9:14:59.99 | -0.03 |
| | | | Sg | 15:03.07 | -0.57 |
| VYHS | 118.1 | 85 | Pg | 9:15:16.86 | 0.39 |
| | | | Sg | 15:31.27 | -1.66 |
| MORC | 153.6 | 8 | Pn | 9:15:22.27 | 0.71 |
| | | | Sn | 15:42.55 | 0.57 |

1033.

2021-07-15 time: 12:32:55.43 UTC ML= 0.5
 lat: 47.948N lon: 16.144E h= 0.0 km
 erh= 2.1km erz= 527km
 nr= 5 gap=149 rms=0.24
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 21.2 | 264 | Pg | 12:32:59.46 | 0.25 |
| | | | Sg | 33:01.62 | -0.54 |
| RONA | 29.9 | 158 | Pg | 12:33:00.82 | 0.06 |
| | | | Sg | 33:04.73 | -0.20 |
| KRUC | 125.3 | 9 | Sg | 12:33:35.26 | 0.02 |

1034.

2021-07-15 time: 12:54:12.92 UTC ML= 2.0
 lat: 48.241N lon: 21.281E h= 0.0 km
 erh= 2.2km erz= 2.5km
 nr= 13 gap=105 rms=0.69
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 6.8 | 333 | Pg | 12:54:14.43 | 0.29 |
| | | | Sg | 54:15.30 | 0.21 |
| KECS | 64.8 | 295 | Sg | 12:54:32.38 | -1.13 |
| TRPA | 94.4 | 98 | Pg | 12:54:30.36 | 0.59 |
| | | | Sg | 54:42.92 | 0.01 |
| KOLS | 106.2 | 44 | Pg | 12:54:32.15 | 0.27 |
| | | | Sg | 54:45.68 | -1.00 |
| PSZ | 109.4 | 251 | Pg | 12:54:32.66 | 0.21 |
| | | | Sg | 54:46.45 | -1.23 |
| NIE | 149.0 | 332 | Sn | 12:54:56.97 | -1.54 |
| LANS | 167.5 | 307 | Sn | 12:55:03.60 | 0.99 |
| VYHS | 183.3 | 279 | Sn | 12:55:06.87 | 0.74 |
| DRGR | 193.8 | 146 | Sn | 12:55:08.10 | -0.36 |

1035.

2021-07-16 time: 2:20:27.77 UTC ML= 0.6
 lat: 47.413N lon: 18.281E h= 7.6 km
 erh= 3.0km erz= 1.6km
 nr= 6 gap=238 rms=0.14
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.7 | 195 | PgD | 2:20:29.58 | 0.12 |
| | | | Sg | 20:30.95 | 0.16 |
| PKSG | 8.6 | 106 | PgU | 2:20:29.86 | 0.04 |
| | | | Sg | 20:31.09 | -0.33 |
| PKST | 25.3 | 227 | Pg | 2:20:32.46 | -0.02 |
| | | | Sg | 20:35.96 | -0.20 |

1036.

2021-07-16 time: 7:12:26.31 UTC ML= 1.7
 lat: 47.694N lon: 18.459E h= 0.0 km
 erh= 2.2km erz= 946km
 nr= 13 gap=109 rms=0.80
 Locality: Tardosbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SRO | 17.2 | 321 | Pg | 7:12:29.72 | 0.34 |
| | | | Sg | 12:33.14 | 1.36 |
| PKSG | 34.0 | 189 | Sg | 7:12:37.58 | 0.47 |
| PKST | 58.0 | 214 | Pg | 7:12:37.37 | 0.71 |
| | | | Sg | 12:44.21 | -0.53 |
| PENC | 62.6 | 80 | Pg | 7:12:37.40 | -0.09 |
| | | | Sg | 12:45.89 | -0.33 |

Földrengés paraméterek

Hypocenter Parameters

MPLH 90.6 230 Sg 7:12:54.16 -0.94
 VYHS 93.3 18 Pg 7:12:43.91 0.94
 Sg 12:55.16 -0.81
 PSZ 110.4 77 Sg 7:13:00.04 -1.36
 MODS 116.1 311 Pg 7:12:46.83 -0.21
 Sg 13:01.13 -2.09

1037.

2021-07-16 time: 8:09:19.89 UTC ML= 1.7
 lat: 48.854N lon: 16.079E h= 0.0 km
 erh= 5.6km erz= 4.7km
 nr= 14 gap=187 rms=1.10
 Locality: Czech Republic
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KRUC | 32.7 | 45 | Pg | 8:09:26.64 | | | 0.90 |
| | | | Sg | 09:30.11 | | | -0.18 |
| MODS | 103.3 | 121 | Pg | 8:09:38.93 | | | 0.60 |
| | | | Sg | 09:51.38 | | | -1.33 |
| CONA | 104.2 | 189 | Pg | 8:09:38.58 | | | 0.08 |
| | | | Sg | 09:51.08 | | | -1.93 |
| RONA | 129.4 | 173 | Pg | 8:09:42.46 | | | -0.54 |
| | | | Sg | 09:58.13 | | | -2.88 |
| KRLC | 145.1 | 21 | Pn | 8:09:44.07 | | | -0.95 |
| | | | Sn | 10:04.75 | | | 0.14 |
| MORC | 147.8 | 46 | Pn | 8:09:45.87 | | | 0.51 |
| | | | Sn | 10:04.19 | | | -1.04 |
| ARSA | 183.0 | 193 | Pn | 8:09:51.80 | | | 2.05 |
| | | | Sn | 10:14.09 | | | 1.05 |

1038.

2021-07-16 time: 9:06:28.76 UTC ML= 0.8
 lat: 47.212N lon: 18.278E h= 0.0 km
 erh= 1.5km erz= 1.8km
 nr= 10 gap=120 rms=0.55
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 16.9 | 355 | Pg | 9:06:32.06 | | | 0.29 |
| | | | Sg | 06:33.85 | | | -0.27 |
| PKST | 19.2 | 286 | Pg | 9:06:32.56 | | | 0.38 |
| | | | Sg | 06:34.73 | | | -0.13 |
| PKSG | 21.7 | 23 | Pg | 9:06:33.35 | | | 0.71 |
| | | | Sg | 06:35.61 | | | -0.06 |
| MORH | 114.2 | 166 | Sg | 9:07:04.53 | | | -0.54 |
| PSZ | 144.8 | 57 | Sn | 9:07:12.89 | | | -0.53 |
| VYHS | 148.5 | 16 | Sn | 9:07:13.24 | | | -1.01 |
| MODS | 149.3 | 330 | Sn | 9:07:13.14 | | | -1.29 |

1039.

2021-07-16 time: 9:43:36.56 UTC ML= 1.4
 lat: 46.907N lon: 22.675E h= 0.0 km
 erh= 4.1km erz= 2.5km
 nr= 6 gap=300 rms=0.35
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DRGR | 13.1 | 168 | Pg | 9:43:38.91 | | | 0.00 |
| | | | Sg | 43:40.92 | | | 0.18 |
| SIRR | 105.4 | 228 | Sg | 9:44:10.19 | | | 0.12 |
| BZS | 165.0 | 210 | Sn | 9:44:25.30 | | | -0.41 |
| GZR | 168.4 | 177 | Pn | 9:44:04.82 | | | 0.22 |
| | | | Sn | 44:24.85 | | | -1.62 |

1040.

2021-07-16 time: 9:53:37.15 UTC ML= 1.7
 lat: 48.605N lon: 20.788E h= 0.0 km
 erh= 1.1km erz= 5.7km
 nr= 8 gap=194 rms=0.21
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| KECS | 26.2 | 239 | Pg | 9:53:41.95 | | | 0.12 |
| | | | Sg | 53:45.20 | | | -0.27 |
| ABAH | 47.9 | 136 | Pg | 9:53:45.85 | | | 0.14 |
| | | | Sg | 53:52.00 | | | -0.39 |
| PSZ | 101.2 | 221 | Pg | 9:53:55.40 | | | 0.17 |
| | | | Sg | 54:09.23 | | | -0.09 |
| LANS | 114.3 | 302 | Pg | 9:53:57.54 | | | -0.02 |
| VYHS | 144.7 | 265 | Sn | 9:54:20.34 | | | -1.45* |

1041.

2021-07-16 time: 11:16:14.23 UTC ML= 1.2
 lat: 47.764N lon: 18.696E h= 0.0 km
 erh= 2.1km erz= 622km
 nr= 11 gap=134 rms=0.50
 Locality: Dorog
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PENC | 44.0 | 86 | Pg | 11:16:22.35 | | | 0.26 |
| | | | Sg | 16:28.19 | | | -0.04 |
| PKSG | 47.3 | 209 | Pg | 11:16:22.75 | | | 0.07 |
| | | | Sg | 16:28.90 | | | -0.37 |
| CSKK | 55.3 | 216 | Sg | 11:16:32.32 | | | 0.51 |
| PKST | 75.1 | 222 | Pg | 11:16:27.59 | | | -0.05 |
| | | | Sg | 16:37.77 | | | -0.32 |
| VYHS | 81.8 | 7 | Pg | 11:16:29.71 | | | 0.86 |
| | | | Sg | 16:38.97 | | | -1.28 |
| PSZ | 91.4 | 79 | Sg | 11:16:42.80 | | | -0.48 |
| MPLH | 109.3 | 233 | Sg | 11:16:48.35 | | | -0.64 |

1042.

2021-07-17 time: 8:05:10.67 UTC ML= 0.9
 lat: 46.182N lon: 18.294E h= 0.0 km
 erh= 1.1km erz= 271km
 nr= 9 gap=159 rms=0.20
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 18.2 | 235 | Pg | 8:05:13.93 | | | 0.00 |
| | | | Sg | 05:16.62 | | | 0.15 |
| PKSM | 27.0 | 83 | PgU | 8:05:15.86 | | | 0.36 |
| | | | Sg | 05:19.03 | | | -0.24 |
| MORH | 27.3 | 82 | Pg | 8:05:15.66 | | | 0.11 |
| | | | Sg | 05:19.34 | | | -0.01 |
| PKSV | 32.8 | 186 | Pg | 8:05:16.36 | | | -0.16 |
| | | | Sg | 05:20.95 | | | -0.14 |
| PKB4 | 42.3 | 34 | Sg | 8:05:23.76 | | | -0.37 |

1043.

2021-07-17 time: 10:43:17.14 UTC ML= 0.7
 lat: 47.559N lon: 16.344E h= 0.0 km
 erh= 2.7km erz= 3.7km
 nr= 10 gap=134 rms=0.83
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|------|
| SOP | 21.2 | 49 | Pg | 10:43:21.70 | | | 0.77 |
| | | | Sg | 43:24.01 | | | 0.12 |
| CONA | 54.7 | 319 | Pg | 10:43:27.83 | | | 0.91 |

Hypocenter Parameters

| | | | | |
|------|-----------|----|-------------|-------|
| | | Sg | 43:34.55 | 0.00 |
| ARSA | 70.8 241 | Sg | 10:43:39.37 | -0.29 |
| MODS | 114.3 38 | Sg | 10:43:52.22 | -1.25 |
| KOGS | 123.7 183 | Sg | 10:43:56.04 | -0.42 |
| PERS | 138.6 222 | Sn | 10:43:59.26 | -1.17 |
| SOKA | 139.6 225 | Sn | 10:44:00.58 | -0.08 |
| KRUC | 167.2 1 | Sn | 10:44:04.08 | -2.68 |

1044.

2021-07-19 time: 8:54:39.34 UTC ML= 1.9
 lat: 48.312N lon: 18.555E h= 0.0 km
 erh= 1.5km erz= 2.5km
 nr= 22 gap= 61 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 29.1 | 46 | Pg | 8:54:45.29 | 0.76 |
| | | | Sg | 54:48.75 | 0.17 |
| A338 | 36.3 | 204 | Sg | 8:54:51.75 | 0.88 |
| SRO | 58.3 | 198 | Sg | 8:54:58.78 | 0.91 |
| PENC | 79.4 | 137 | Sg | 8:55:04.37 | -0.21 |
| MODS | 94.9 | 274 | Pg | 8:54:56.13 | -0.16 |
| | | | Sg | 55:09.36 | -0.16 |
| PKSG | 103.0 | 187 | Sg | 8:55:11.55 | -0.55 |
| PNNH | 103.2 | 215 | Sg | 8:55:12.52 | 0.38 |
| CSKK | 107.8 | 192 | Sg | 8:55:12.62 | -0.98 |
| ZST | 108.6 | 263 | Sg | 8:55:12.67 | -1.19 |
| PSZ | 109.0 | 114 | Pg | 8:54:59.34 | 0.54 |
| | | | Sg | 55:12.67 | -1.31 |
| LANS | 114.9 | 36 | Pg | 8:55:00.31 | 0.44 |
| | | | Sg | 55:14.81 | -1.06 |
| PKST | 123.4 | 198 | Pg | 8:55:01.99 | 0.61 |
| | | | Sg | 55:17.25 | -1.32 |
| KECS | 144.3 | 82 | Pn | 8:55:05.04 | 0.67 |
| | | | Sn | 55:22.75 | -1.13 |
| MPLH | 148.0 | 211 | Sn | 8:55:24.07 | -0.65 |
| MORC | 178.9 | 336 | Pn | 8:55:09.10 | 0.41 |
| | | | Sn | 55:30.18 | -1.39 |

1045.

2021-07-19 time: 10:00:49.38 UTC ML= 1.4
 lat: 48.168N lon: 16.896E h= 0.0 km
 erh= 1.5km erz= 350km
 nr= 6 gap=172 rms=0.20
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 15.7 | 78 | Pg | 10:00:52.30 | 0.12 |
| | | | Sg | 00:54.11 | -0.25 |
| MODS | 36.4 | 51 | Pg | 10:00:56.06 | 0.18 |
| | | | Sg | 01:00.53 | -0.42 |
| CONA | 81.6 | 251 | Sg | 10:01:15.19 | -0.12 |
| KRUC | 106.0 | 340 | Sg | 10:01:23.18 | 0.10 |

1046.

2021-07-20 time: 6:13:03.62 UTC ML= 1.3
 lat: 47.366N lon: 18.466E h= 0.0 km
 erh= 0.7km erz= 245km
 nr= 11 gap=114 rms=0.20
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.4 | 296 | Pg | 6:13:04.89 | 0.13 |
| | | | Sg | 13:05.55 | -0.10 |
| CSKK | 15.6 | 269 | Pg | 6:13:06.49 | 0.09 |
| | | | Sg | 13:08.42 | -0.15 |
| PKST | 34.8 | 250 | Pg | 6:13:10.13 | 0.30 |
| | | | Sg | 13:14.35 | -0.33 |
| PSZ | 123.6 | 60 | Sg | 6:13:43.00 | 0.08 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----|------------|--------|
| VYHS | 128.4 | 12 | Pg | 6:13:26.36 | -0.19 |
| | | | Sg | 13:41.98 | -2.45* |
| MORH | 128.6 | 174 | Sg | 6:13:44.48 | -0.03 |
| PKSM | 129.0 | 174 | Sg | 6:13:44.48 | -0.16 |

1047.

2021-07-20 time: 6:31:53.78 UTC ML= 0.9
 lat: 47.178N lon: 18.194E h= 0.0 km
 erh= 1.4km erz= 2.7km
 nr= 8 gap=144 rms=0.31
 Locality: Ősi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 15.1 | 307 | PgU | 6:31:56.63 | 0.16 |
| | | | Sg | 31:58.64 | 0.07 |
| CSKK | 21.2 | 14 | Pg | 6:31:57.34 | -0.22 |
| | | | Sg | 31:59.97 | -0.54 |
| PKSG | 28.0 | 32 | Sg | 6:32:03.41 | 0.72 |
| MORH | 112.4 | 162 | Sg | 6:32:29.77 | 0.27 |
| PKSM | 112.7 | 162 | Sg | 6:32:29.49 | -0.13 |
| PSZ | 152.2 | 57 | Sn | 6:32:39.88 | -0.19 |

1048.

2021-07-20 time: 6:49:17.03 UTC ML= 1.0
 lat: 47.183N lon: 18.208E h= 0.0 km
 erh= 1.2km erz= 3.2km
 nr= 6 gap=145 rms=0.34
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 15.7 | 303 | Pg | 6:49:20.00 | 0.17 |
| | | | Sg | 49:21.66 | -0.35 |
| CSKK | 20.4 | 11 | Pg | 6:49:20.71 | 0.03 |
| | | | Sg | 49:23.92 | 0.39 |
| PKSM | 112.9 | 163 | Sg | 6:49:52.79 | -0.13 |
| VYHS | 153.2 | 18 | Sn | 6:50:02.08 | -1.47 |

1049.

2021-07-20 time: 7:13:09.53 UTC ML= 1.3
 lat: 48.044N lon: 20.690E h= 0.0 km
 erh= 4.6km erz= 846km
 nr= 5 gap=201 rms=0.39
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 49.5 | 56 | Sg | 7:13:24.86 | -0.41 |
| KECS | 51.1 | 343 | Pg | 7:13:19.08 | 0.43 |
| | | | Sg | 13:25.21 | -0.56 |
| PSZ | 61.0 | 257 | Pg | 7:13:20.64 | 0.22 |
| | | | Sg | 13:28.57 | -0.35 |

1050.

2021-07-20 time: 7:35:16.09 UTC ML= 2.0
 lat: 48.748N lon: 18.681E h= 0.0 km
 erh= 2.1km erz= 2.3km
 nr= 22 gap= 88 rms=0.88
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 30.5 | 158 | Pg | 7:35:20.98 | -0.56 |
| | | | Sg | 35:23.35 | -2.43 |
| LANS | 72.9 | 52 | Pg | 7:35:28.77 | -0.34 |
| | | | Sg | 35:40.22 | 0.95 |
| SRO | 107.5 | 195 | Pg | 7:35:35.70 | 0.42 |
| | | | Sg | 35:50.26 | 0.00 |
| MODS | 111.7 | 248 | Pg | 7:35:35.50 | -0.54 |

Földrengés paraméterek

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|------------|----|-----|-------|
| | | | Sg | 35:50.16 | | | -1.43 |
| PENC | 115.5 | 157 | Pg | 7:35:37.11 | | | 0.40 |
| | | | Sg | 35:50.96 | | | -1.83 |
| PSZ | 128.9 | 136 | Pg | 7:35:38.25 | | | -0.85 |
| | | | Sg | 35:55.73 | | | -1.32 |
| KECS | 136.3 | 102 | Pn | 7:35:41.12 | | | 1.01 |
| | | | Sn | 35:58.54 | | | -0.31 |
| NIE | 140.6 | 58 | Pn | 7:35:41.22 | | | 0.56 |
| MORC | 141.3 | 324 | Pn | 7:35:40.62 | | | -0.12 |
| | | | Sn | 35:59.10 | | | -0.86 |
| PKSG | 152.4 | 188 | Sn | 7:36:01.71 | | | -0.72 |
| CSKK | 157.2 | 192 | Pn | 7:35:43.63 | | | 0.91 |
| | | | Sn | 36:04.42 | | | 0.93 |
| PKST | 172.5 | 196 | Pn | 7:35:45.84 | | | 1.21 |
| | | | Sn | 36:08.34 | | | 1.45 |

1051.

2021-07-20 time: 7:52:52.87 UTC ML= 1.4
 lat: 46.873N lon: 17.352E h= 0.0 km
 erh= 3.3km erz= 7.4km
 nr= 9 gap= 94 rms=0.90
 Locality: Lesenceistvánd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| MPLH | 36.0 | 23 | Pg | 7:52:59.44 | | | 0.14 |
| | | | Sg | 53:04.17 | | | -0.15 |
| PKST | 67.3 | 50 | Pg | 7:53:06.25 | | | 1.36 |
| KOGS | 96.6 | 241 | Sg | 7:53:23.89 | | | 0.30 |
| KOVH | 104.4 | 147 | Sg | 7:53:26.44 | | | 0.38 |
| RONA | 121.8 | 319 | Sg | 7:53:29.96 | | | -1.62 |
| MORH | 123.1 | 126 | Sg | 7:53:30.77 | | | -1.23 |
| PKSM | 123.2 | 127 | Sg | 7:53:30.88 | | | -1.15 |
| CONA | 162.6 | 316 | Sn | 7:53:41.45 | | | -0.03 |

1052.

2021-07-20 time: 9:27:49.36 UTC ML= 1.6
 lat: 48.598N lon: 20.738E h= 0.0 km
 erh= 1.5km erz= 1.3km
 nr= 6 gap=227 rms=0.10
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 22.6 | 236 | Pg | 9:27:53.31 | | | -0.08 |
| | | | Sg | 27:56.42 | | | -0.12 |
| ABAH | 50.0 | 132 | Sg | 9:28:05.21 | | | -0.05 |
| PSZ | 98.2 | 220 | Pg | 9:28:07.02 | | | 0.13 |
| | | | Sg | 28:20.57 | | | 0.01 |
| VYHS | 140.9 | 265 | Sn | 9:28:33.25 | | | 0.10 |

1053.

2021-07-20 time: 9:31:22.08 UTC ML= 0.6
 lat: 47.208N lon: 18.265E h= 0.0 km
 erh= 0.9km erz= 3.2km
 nr= 10 gap=140 rms=0.29
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 17.2 | 359 | Pg | 9:31:25.20 | | | 0.05 |
| | | | Sg | 31:27.01 | | | -0.54 |
| PKST | 18.4 | 288 | Pg | 9:31:25.50 | | | 0.15 |
| | | | Sg | 31:27.74 | | | -0.17 |
| PKSG | 22.5 | 25 | Pg | 9:31:26.46 | | | 0.37 |
| | | | Sg | 31:29.35 | | | 0.12 |
| MORH | 114.1 | 165 | Sg | 9:31:58.49 | | | 0.15 |
| PKSM | 114.5 | 165 | Sg | 9:31:58.19 | | | -0.27 |
| KOVH | 125.2 | 186 | Sg | 9:32:01.61 | | | -0.25 |
| VYHS | 149.2 | 17 | Sn | 9:32:06.63 | | | -1.08 |

1054.

2021-07-20 time: 9:32:37.32 UTC ML= 1.9
 lat: 45.777N lon: 17.372E h= 14.1 km
 erh= 3.1km erz= 2.7km
 nr= 18 gap=108 rms=0.86
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KOVH | 66.2 | 58 | Pg | 9:32:49.58 | | | 0.18 |
| | | | Sg | 32:57.56 | | | -1.26 |
| PKSV | 69.5 | 80 | Pg | 9:32:50.61 | | | 0.63 |
| | | | Sg | 32:59.17 | | | -0.68 |
| BEHE | 89.8 | 329 | P* | 9:32:53.58 | | | 0.17 |
| | | | S* | 33:04.93 | | | -1.03 |
| PKSM | 109.5 | 64 | Pn | 9:32:56.55 | | | 0.33 |
| | | | Sn | 33:09.85 | | | -1.10 |
| MORH | 109.9 | 64 | Pn | 9:32:56.39 | | | 0.13 |
| | | | Sn | 33:10.15 | | | -0.89 |
| PTJ | 110.7 | 277 | Sn | 9:33:08.56 | | | -2.66 |
| PKS9 | 114.0 | 38 | Pn | 9:32:57.69 | | | 0.91 |
| KOGS | 114.4 | 311 | Sn | 9:33:11.28 | | | -0.76 |
| BLY | 115.2 | 187 | Pn | 9:32:56.43 | | | -0.50 |
| | | | Sn | 33:11.09 | | | -1.13 |
| PKB4 | 124.3 | 50 | Sn | 9:33:15.66 | | | 1.44 |
| CREC | 149.0 | 272 | Pn | 9:33:02.61 | | | 1.47 |
| | | | Sn | 33:20.63 | | | 0.91 |

1055.

2021-07-20 time: 9:59:39.03 UTC ML= 0.9
 lat: 46.171N lon: 18.311E h= 0.0 km
 erh= 1.4km erz= 340km
 nr= 9 gap=116 rms=0.26
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 18.7 | 241 | Pg | 9:59:42.27 | | | -0.10 |
| | | | Sg | 59:44.98 | | | 0.01 |
| PKSM | 25.9 | 80 | Pg | 9:59:43.78 | | | 0.12 |
| | | | Sg | 59:47.14 | | | -0.13 |
| MORH | 26.2 | 79 | Pg | 9:59:43.73 | | | 0.02 |
| | | | Sg | 59:47.45 | | | 0.09 |
| PKSV | 31.7 | 188 | Pg | 9:59:45.04 | | | 0.35 |
| | | | Sg | 59:48.65 | | | -0.46 |
| PKS9 | 46.3 | 357 | Sg | 9:59:52.57 | | | -1.18 |

1056.

2021-07-20 time: 10:38:14.06 UTC ML= 1.3
 lat: 45.832N lon: 17.603E h= 16.3 km
 erh= 2.5km erz= 0.9km
 nr= 9 gap=187 rms=0.19
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| KOVH | 47.9 | 54 | Pg | 10:38:22.95 | | | -0.14 |
| | | | Sg | 38:30.23 | | | 0.09 |
| PKSV | 50.8 | 83 | Pg | 10:38:23.40 | | | -0.19 |
| | | | Sg | 38:31.23 | | | 0.21 |
| PKSM | 90.8 | 62 | P* | 10:38:30.38 | | | 0.29 |
| | | | S* | 38:42.37 | | | -0.23 |
| MORH | 91.2 | 62 | P* | 10:38:30.21 | | | 0.05 |
| | | | S* | 38:42.66 | | | -0.05 |
| CREC | 166.8 | 270 | Sn | 10:38:58.49 | | | -1.40* |

Hypocenter Parameters

Földrengés paraméterek

1057.

 2021-07-20 time: 10:48:46.49 UTC ML= 1.9
 lat: 48.786N lon: 21.594E h= 0.0 km
 erh= 3.0km erz= 4.0km
 nr= 12 gap=125 rms=0.95
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOLS | 52.5 | 72 | Sg | 10:49:02.01 | -1.16 |
| ABAH | 60.4 | 206 | Pg | 10:48:57.65 | 0.37 |
| | | | Sg | 49:04.50 | -1.20 |
| KECS | 88.4 | 248 | Pg | 10:49:02.19 | -0.08 |
| | | | Sg | 49:12.99 | -1.58 |
| TRPA | 101.0 | 136 | Pg | 10:49:04.79 | 0.26 |
| | | | Sg | 49:18.81 | 0.21 |
| NIE | 117.0 | 307 | Pg | 10:49:06.39 | -1.00 |
| PSZ | 158.7 | 233 | Pn | 10:49:14.65 | 1.34 |
| | | | Sn | 49:33.92 | -0.30 |
| LANS | 160.9 | 285 | Pn | 10:49:15.23 | 1.65 |
| VYHS | 205.8 | 261 | Sn | 10:49:46.09 | 1.40 |

1058.

 2021-07-20 time: 11:14:50.34 UTC ML= 0.7
 lat: 47.869N lon: 16.066E h= 0.0 km
 erh= 2.6km erz= 4.4km
 nr= 6 gap=127 rms=1.02
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.7 | 293 | Pg | 11:14:53.85 | 0.53 |
| | | | Sg | 14:56.47 | 0.83 |
| RONA | 25.5 | 137 | Pg | 11:14:55.06 | 0.17 |
| | | | Sg | 14:59.29 | 0.85 |
| ARSA | 80.0 | 211 | Sg | 11:15:14.44 | -1.32 |
| KRUC | 134.9 | 10 | Sn | 11:15:30.37 | -2.43 |

1059.

 2021-07-20 time: 14:25:59.67 UTC ML= 1.7
 lat: 47.093N lon: 19.415E h= 0.0 km
 erh= 2.8km erz= 501km
 nr= 9 gap=190 rms=0.38
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.9 | 255 | Pg | 14:26:03.29 | 0.06 |
| | | | Sg | 26:05.60 | -0.41 |
| PKB5 | 75.8 | 223 | Pg | 14:26:13.77 | 0.56 |
| | | | Sg | 26:24.24 | 0.47 |
| PENC | 78.2 | 353 | Pg | 14:26:13.87 | 0.24 |
| PSZ | 98.6 | 21 | Pg | 14:26:16.99 | -0.29 |
| MORH | 114.0 | 211 | Pg | 14:26:19.71 | -0.31 |
| PKSM | 114.5 | 211 | Pg | 14:26:20.01 | -0.10 |
| | | | Sg | 26:34.72 | -1.33 |

1060.

 2021-07-20 time: 14:50:25.19 UTC ML= 1.8
 lat: 47.064N lon: 19.465E h= 0.0 km
 erh= 3.6km erz= 717km
 nr= 10 gap=195 rms=0.56
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKS7 | 23.2 | 265 | Pg | 14:50:29.60 | 0.27 |
| | | | Sg | 50:32.07 | -0.49 |
| PKB5 | 76.3 | 227 | Pg | 14:50:39.88 | 1.07 |
| | | | Sg | 50:49.80 | 0.37 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PENC | 81.9 | 350 | Pg | 14:50:39.93 | 0.11 |
| PSZ | 100.3 | 19 | Pg | 14:50:42.70 | -0.40 |
| MORH | 113.3 | 214 | Pg | 14:50:45.42 | -0.01 |
| | | | Sg | 50:59.78 | -1.43 |
| PKSM | 113.8 | 214 | Pg | 14:50:45.47 | -0.04 |
| | | | Sg | 51:00.53 | -0.84 |

1061.

 2021-07-20 time: 17:15:30.80 UTC ML= 1.5
 lat: 47.776N lon: 16.171E h= 11.3 km
 erh= 2.4km erz= 1.9km
 nr= 21 gap= 80 rms=0.92
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.6 | 132 | Pg | 17:15:34.02 | 0.19 |
| | | | Sg | 15:35.96 | -0.23 |
| CONA | 28.7 | 306 | Pg | 17:15:36.56 | 0.24 |
| | | | Sg | 15:39.91 | -0.71 |
| SOP | 30.8 | 109 | Pg | 17:15:36.94 | 0.28 |
| | | | Sg | 15:40.87 | -0.36 |
| WINA | 37.6 | 349 | Pg | 17:15:38.38 | 0.56 |
| | | | Sg | 15:43.45 | 0.16 |
| ARSA | 76.1 | 220 | Pg | 17:15:44.12 | -0.42 |
| | | | Sg | 15:52.56 | -2.70 |
| EGYH | 96.0 | 115 | Sg | 17:16:00.06 | -1.45 |
| MODS | 105.9 | 51 | Pn | 17:15:50.21 | 0.61 |
| | | | Sn | 16:03.26 | -1.00 |
| ABNA | 113.6 | 331 | Pn | 17:15:50.03 | -0.53 |
| | | | Sn | 16:03.23 | -2.74 |
| MOA | 142.9 | 273 | Pn | 17:15:55.47 | 1.25 |
| | | | Sn | 16:12.11 | -0.37 |
| KRUC | 144.0 | 7 | Pn | 17:15:54.60 | 0.25 |
| | | | Sn | 16:12.05 | -0.66 |
| PERS | 149.8 | 212 | Pn | 17:15:57.17 | 2.10 |
| BIOA | 190.2 | 267 | Sn | 17:16:24.56 | 1.59 |

1062.

 2021-07-20 time: 18:36:11.71 UTC ML= 1.3
 lat: 47.574N lon: 16.321E h= 0.0 km
 erh= 2.7km erz= 4.2km
 nr= 11 gap=184 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.2 | 352 | PgU | 18:36:14.70 | 0.46 |
| | | | Sg | 36:17.01 | 0.80 |
| SOP | 21.6 | 56 | Pg | 18:36:15.85 | 0.28 |
| | | | Sg | 36:18.35 | -0.23 |
| CONA | 52.4 | 319 | Sg | 18:36:27.38 | -0.98 |
| ARSA | 70.1 | 239 | Pg | 18:36:24.93 | 0.69 |
| | | | Sg | 36:33.17 | -0.83 |
| MODS | 114.1 | 39 | Pg | 18:36:32.27 | 0.19 |
| | | | Sg | 36:47.01 | -0.96 |
| KRUC | 165.6 | 2 | Pn | 18:36:39.24 | -0.15 |
| | | | Sn | 36:58.88 | -2.10 |

1063.

 2021-07-21 time: 0:35:49.34 UTC ML= 1.6
 lat: 48.263N lon: 16.704E h= 0.5 km
 erh= 1.3km erz= 1.9km
 nr= 28 gap= 77 rms=0.68
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ZST | 30.6 | 104 | Pg | 0:35:55.03 | 0.23 |
| | | | Sg | 35:58.00 | -1.05 |
| MODS | 44.3 | 74 | Pg | 0:35:57.14 | -0.11 |
| | | | Sg | 36:02.63 | -0.79 |

Földrengés paraméterek

Hypocenter Parameters

WINA 50.0 250 Pg 0:35:58.75 0.49
 Sg 36:05.51 0.29
 SMOL 60.5 63 Sg 0:36:08.41 -0.17
 SOP 65.3 190 Pg 0:36:00.79 -0.22
 Sg 36:09.05 -1.06
 RONA 69.6 206 Pg 0:36:01.61 -0.16
 Sg 36:10.61 -0.86
 CONA 72.9 239 Pg 0:36:02.65 0.29
 Sg 36:12.17 -0.35
 KRUC 91.7 346 Pg 0:36:06.23 0.51
 Sg 36:18.32 -0.17
 ABNA 104.3 296 Pg 0:36:07.88 -0.09
 Sg 36:20.64 -1.86
 EGYH 105.1 153 Pg 0:36:09.17 1.06
 Sg 36:22.32 -0.44
 MPLH 136.7 153 Pn 0:36:14.68 1.32
 Sn 36:31.42 -0.67
 ARSA 143.2 218 Pn 0:36:14.42 0.26
 Sn 36:32.96 -0.56
 TREC 145.5 322 ePn 0:36:14.10 -0.35
 eSn 36:32.20 -1.83
 PKST 149.7 138 Sn 0:36:35.58 0.61
 VYHS 160.1 81 ePn 0:36:17.90 1.63
 eSn 36:36.10 -1.17

1064.

2021-07-21 time: 5:51:16.69 UTC ML= 1.4
 lat: 47.283N lon: 18.325E h= 0.0 km
 erh= 2.4km erz= 3.3km
 nr= 12 gap=135 rms=0.94
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 10.1 | 331 | Pg | 5:51:18.93 | 0.43 |
| | | | Sg | 51:19.91 | -0.01 |
| PKSG | 13.1 | 22 | Pg | 5:51:19.73 | 0.71 |
| | | | Sg | 51:21.14 | 0.29 |
| PKST | 22.1 | 263 | Pg | 5:51:20.92 | 0.28 |
| | | | Sg | 51:24.29 | 0.56 |
| PKB5 | 82.6 | 158 | Sg | 5:51:44.44 | 1.48 |
| MORH | 121.1 | 168 | Sg | 5:51:53.81 | -1.38 |
| PKSM | 121.5 | 169 | Sg | 5:51:53.81 | -1.50 |
| KOVH | 133.9 | 187 | Sn | 5:51:58.55 | -0.38 |
| VYHS | 140.0 | 16 | Sn | 5:51:58.65 | -1.62 |
| MODS | 144.4 | 327 | Sn | 5:51:58.95 | -2.31 |

1065.

2021-07-21 time: 6:58:04.91 UTC ML= 1.7
 lat: 47.901N lon: 19.400E h= 0.0 km
 erh= 2.5km erz= 3.2km
 nr= 14 gap=139 rms=0.80
 Locality: Becske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 15.2 | 216 | Pg | 6:58:07.45 | -0.17 |
| | | | Sg | 58:10.43 | 0.70 |
| BUD | 54.3 | 211 | Sg | 6:58:22.67 | 0.49 |
| VYHS | 78.1 | 328 | Pg | 6:58:20.07 | 1.21 |
| | | | Sg | 58:28.41 | -1.33 |
| PKSG | 94.7 | 233 | Sg | 6:58:34.43 | -0.57 |
| KECS | 103.5 | 51 | Pg | 6:58:23.67 | 0.29 |
| | | | Sg | 58:36.57 | -1.22 |
| CSKK | 104.5 | 235 | Sg | 6:58:36.95 | -1.17 |
| PKST | 125.1 | 235 | Pg | 6:58:26.49 | -0.76 |
| | | | Sg | 58:43.92 | -0.76 |
| ABAH | 143.9 | 72 | Pn | 6:58:30.50 | 0.62 |
| | | | Sn | 58:49.69 | 0.33 |
| MODS | 166.5 | 288 | Sn | 6:58:55.49 | 1.10 |

1066.

2021-07-21 time: 7:50:41.79 UTC ML= 1.8
 lat: 46.849N lon: 17.351E h= 0.0 km
 erh= 2.1km erz= 3.9km
 nr= 15 gap= 95 rms=0.87
 Locality: Lesencetomaj
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 38.5 | 22 | Pg | 7:50:49.36 | 0.70 |
| | | | Sg | 50:53.65 | -0.37 |
| PKST | 69.1 | 49 | Sg | 7:51:03.34 | -0.42 |
| CSKK | 89.6 | 50 | Sg | 7:51:10.87 | 0.58 |
| KOGS | 95.3 | 242 | Sg | 7:51:13.08 | 1.00 |
| PKSG | 99.3 | 53 | Sg | 7:51:14.29 | 0.92 |
| KOVH | 102.3 | 146 | Pg | 7:51:00.93 | 0.87 |
| | | | Sg | 51:14.22 | -0.09 |
| MORH | 121.7 | 125 | Sg | 7:51:19.21 | -1.26 |
| PKSM | 121.8 | 126 | Sg | 7:51:19.21 | -1.29 |
| RONA | 123.7 | 320 | Sg | 7:51:19.51 | -1.60 |
| PKSV | 127.4 | 147 | Sg | 7:51:22.26 | -0.01 |
| ARSA | 145.8 | 288 | Sn | 7:51:26.94 | 0.26 |
| GROS | 147.9 | 253 | Sn | 7:51:25.54 | -1.61 |
| CONA | 164.4 | 317 | Sn | 7:51:30.09 | -0.71 |

1067.

2021-07-21 time: 9:40:38.07 UTC ML= 1.4
 lat: 45.601N lon: 17.261E h= 12.0 km
 erh= 2.2km erz= 1.7km
 nr= 9 gap=130 rms=0.34
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 83.5 | 68 | Pg | 9:40:53.03 | -0.10 |
| | | | Sg | 41:04.47 | -0.40 |
| KOVH | 84.7 | 50 | Sg | 9:41:05.38 | 0.12 |
| BLY | 94.9 | 184 | S* | 9:41:08.37 | -0.09 |
| PKSM | 126.8 | 58 | Pn | 9:40:59.81 | 0.43 |
| | | | Sn | 41:15.42 | -0.59 |
| MORH | 127.2 | 58 | Pn | 9:40:59.87 | 0.43 |
| | | | Sn | 41:15.72 | -0.38 |
| CRES | 142.7 | 280 | Sn | 9:41:19.42 | -0.13 |

1068.

2021-07-21 time: 10:40:06.70 UTC ML= 1.4
 lat: 48.259N lon: 16.720E h= 2.4 km
 erh= 1.4km erz=31.9km
 nr= 13 gap=103 rms=0.46
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 29.2 | 104 | Sg | 10:40:15.72 | -0.30 |
| MODS | 43.2 | 73 | Pg | 10:40:14.66 | 0.23 |
| | | | Sg | 40:19.58 | -0.88 |
| WINA | 51.0 | 251 | Pg | 10:40:16.34 | 0.53 |
| | | | Sg | 40:22.98 | 0.05 |
| RONA | 69.8 | 207 | Pg | 10:40:19.23 | 0.06 |
| | | | Sg | 40:28.62 | -0.27 |
| CONA | 73.8 | 240 | Pg | 10:40:20.14 | 0.26 |
| | | | Sg | 40:29.63 | -0.53 |
| KRUC | 92.4 | 345 | Pg | 10:40:23.65 | 0.44 |
| | | | Sg | 40:35.25 | -0.84 |
| ABNA | 105.6 | 296 | Pg | 10:40:25.74 | 0.17 |
| | | | Sg | 40:38.26 | -2.02 |

Hypocenter Parameters

Földrengés paraméterek

1069.

2021-07-21 time: 10:40:56.55 UTC ML= 1.5
 lat: 48.640N lon: 20.747E h= 0.0 km
 erh= 3.8km erz= 5.2km
 nr= 8 gap=170 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.1 | 228 | Pg | 10:41:01.21 | 0.00 |
| | | | Sg | 41:04.42 | -0.42 |
| ABAH | 52.8 | 136 | Pg | 10:41:06.53 | 0.54 |
| | | | Sg | 41:12.56 | -0.79 |
| PSZ | 102.3 | 218 | Pg | 10:41:15.62 | 0.81 |
| | | | Sg | 41:28.57 | -0.48 |
| KOLS | 116.8 | 74 | Sg | 10:41:33.44 | -0.22 |
| VYHS | 142.0 | 263 | Sn | 10:41:39.52 | -1.07 |

1070.

2021-07-21 time: 13:30:24.44 UTC ML= 1.8
 lat: 47.084N lon: 19.403E h= 0.0 km
 erh= 3.2km erz= 626km
 nr= 10 gap=189 rms=0.50
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.9 | 257 | Pg | 13:30:27.68 | -0.13 |
| | | | Sg | 30:30.37 | -0.07 |
| PKB5 | 74.5 | 223 | Pg | 13:30:38.74 | 0.99 |
| | | | Sg | 30:48.69 | 0.56 |
| PENC | 79.1 | 353 | Pg | 13:30:39.00 | 0.44 |
| PSZ | 99.8 | 22 | Pg | 13:30:41.76 | -0.51 |
| MORH | 112.7 | 211 | Pg | 13:30:44.42 | -0.14 |
| | | | Sg | 30:59.58 | -0.68 |
| PKSM | 113.2 | 211 | Pg | 13:30:44.52 | -0.13 |
| | | | Sg | 30:59.73 | -0.69 |

1071.

2021-07-21 time: 13:53:05.53 UTC ML= 1.8
 lat: 47.122N lon: 19.345E h= 0.0 km
 erh= 5.0km erz= 5.4km
 nr= 11 gap=183 rms=0.64
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 16.3 | 239 | Pg | 13:53:08.56 | 0.13 |
| | | | Sg | 53:10.32 | -0.38 |
| PENC | 74.4 | 356 | Pg | 13:53:19.85 | 1.03 |
| PKB5 | 74.8 | 218 | Pg | 13:53:19.75 | 0.86 |
| | | | Sg | 53:29.89 | 0.59 |
| PSZ | 97.7 | 25 | Pg | 13:53:22.82 | -0.15 |
| | | | Sg | 53:35.67 | -0.91 |
| MORH | 114.2 | 208 | Pg | 13:53:25.48 | -0.43 |
| PKSM | 114.7 | 208 | Pg | 13:53:25.53 | -0.47 |
| | | | Sg | 53:40.29 | -1.68 |
| KOVH | 149.4 | 220 | Pn | 13:53:31.15 | -0.04 |

1072.

2021-07-21 time: 22:38:58.20 UTC ML= 1.5
 lat: 48.262N lon: 16.735E h= 4.2 km
 erh= 1.5km erz=19.2km
 nr= 8 gap=104 rms=0.36
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZST | 28.2 | 105 | Sg | 22:39:07.07 | -0.20 |
| MODS | 42.1 | 73 | Pg | 22:39:05.86 | 0.11 |

| | | | | | |
|------|------|-----|----|-------------|-------|
| | | | Sg | 39:10.92 | -0.72 |
| RONA | 70.6 | 208 | Pg | 22:39:11.13 | 0.31 |
| | | | Sg | 39:20.23 | -0.44 |
| CONA | 74.9 | 240 | Sg | 22:39:22.04 | 0.00 |
| KRUC | 92.4 | 344 | Pg | 22:39:15.14 | 0.42 |
| | | | Sg | 39:27.16 | -0.45 |

1073.

2021-07-22 time: 6:59:30.15 UTC ML= 1.1
 lat: 48.427N lon: 19.544E h= 0.0 km
 erh= 2.5km erz= 744km
 nr= 7 gap=123 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| VYHS | 52.9 | 278 | Pg | 6:59:40.08 | 0.49 |
| | | | Sg | 59:46.30 | -0.65 |
| PSZ | 62.3 | 155 | Pg | 6:59:41.62 | 0.36 |
| | | | Sg | 59:49.00 | -0.94 |
| KECS | 69.9 | 85 | Pg | 6:59:42.87 | 0.24 |
| | | | Sg | 59:52.21 | -0.17 |
| LANS | 80.7 | 356 | Sg | 6:59:55.22 | -0.57 |

1074.

2021-07-22 time: 7:17:56.38 UTC ML= 1.9
 lat: 48.235N lon: 21.235E h= 0.0 km
 erh= 2.6km erz= 2.6km
 nr= 11 gap=154 rms=0.64
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 6.8 | 3 | Pg | 7:17:57.98 | 0.39 |
| | | | Sg | 17:59.18 | 0.65 |
| KECS | 62.0 | 296 | Pg | 7:18:07.62 | 0.17 |
| | | | Sg | 18:15.25 | -0.84 |
| TRPA | 97.7 | 97 | Sg | 7:18:27.08 | -0.35 |
| PSZ | 105.9 | 251 | Pg | 7:18:15.95 | 0.65 |
| | | | Sg | 18:28.91 | -1.14 |
| KOLS | 109.0 | 45 | Sg | 7:18:29.19 | -1.85 |
| NIE | 148.0 | 333 | Sn | 7:18:41.95 | 0.20 |
| LANS | 165.2 | 308 | Sn | 7:18:45.36 | -0.20 |
| VYHS | 180.1 | 279 | Sn | 7:18:48.97 | 0.10 |

1075.

2021-07-22 time: 8:43:14.10 UTC ML= 1.5
 lat: 48.590N lon: 20.712E h= 0.0 km
 erh= 2.4km erz= 3.0km
 nr= 9 gap=186 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 20.5 | 235 | Pg | 8:43:18.01 | 0.25 |
| | | | Sg | 43:20.67 | 0.05 |
| ABAH | 50.9 | 130 | Pg | 8:43:23.68 | 0.50 |
| | | | Sg | 43:28.75 | -1.52 |
| PSZ | 96.2 | 219 | Pg | 8:43:31.26 | -0.02 |
| | | | Sg | 43:44.52 | -0.17 |
| LANS | 110.6 | 304 | Pg | 8:43:33.62 | -0.22 |
| VYHS | 138.9 | 266 | Pn | 8:43:38.69 | 0.23 |
| | | | Sn | 43:56.47 | -0.99 |

Földrengés paraméterek

Hypocenter Parameters

1076.

2021-07-22 time: 8:47:11.37 UTC ML= 1.3
 lat: 46.167N lon: 18.306E h= 0.0 km
 erh= 2.1km erz= 384km
 nr= 7 gap=197 rms=0.27
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 18.2 | 241 | Pg | 8:47:14.31 | -0.31 |
| | | | Sg | 47:17.07 | -0.09 |
| PKSM | 26.3 | 79 | Pg | 8:47:16.32 | 0.25 |
| | | | Sg | 47:19.28 | -0.46 |
| MORH | 26.6 | 78 | Pg | 8:47:16.37 | 0.24 |
| | | | Sg | 47:19.69 | -0.15 |
| PKSV | 31.2 | 188 | Sg | 8:47:21.59 | 0.29 |

1077.

2021-07-22 time: 9:21:24.84 UTC ML= 0.8
 lat: 47.599N lon: 16.327E h= 0.0 km
 erh= 4.3km erz= 5.7km
 nr= 7 gap=255 rms=0.56
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 11.5 | 348 | PgU | 9:21:27.26 | 0.37 |
| | | | Sg | 21:29.10 | 0.61 |
| SOP | 19.7 | 62 | Pg | 9:21:28.45 | 0.08 |
| | | | Sg | 21:31.34 | 0.22 |
| CONA | 50.6 | 316 | Sg | 9:21:40.59 | -0.34 |
| MODS | 111.6 | 39 | Sg | 9:21:59.41 | -0.91 |
| KRUC | 162.8 | 2 | Sn | 9:22:11.62 | -1.87 |

1078.

2021-07-22 time: 11:11:00.63 UTC ML= 1.1
 lat: 47.591N lon: 18.467E h= 0.0 km
 erh= 2.2km erz= 2.7km
 nr= 8 gap=154 rms=0.36
 Locality: Vértestolna
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 22.9 | 195 | Pg | 11:11:04.96 | 0.23 |
| | | | Sg | 11:07.87 | -0.05 |
| CSKK | 29.8 | 212 | Pg | 11:11:06.40 | 0.45 |
| | | | Sg | 11:09.67 | -0.42 |
| PKST | 49.3 | 221 | Sg | 11:11:15.94 | -0.37 |
| VYHS | 104.1 | 15 | Sg | 11:11:33.06 | -0.65 |
| PSZ | 113.0 | 71 | Sg | 11:11:36.68 | 0.12 |
| MORH | 153.5 | 175 | Sn | 11:11:47.12 | -0.10 |

1079.

2021-07-22 time: 13:40:26.25 UTC ML= 1.7
 lat: 47.089N lon: 19.407E h= 0.0 km
 erh= 2.6km erz= 473km
 nr= 9 gap=189 rms=0.36
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.2 | 256 | Pg | 13:40:29.76 | 0.08 |
| | | | Sg | 40:32.08 | -0.28 |
| PKB5 | 75.0 | 223 | Pg | 13:40:40.19 | 0.54 |
| | | | Sg | 40:50.32 | 0.22 |
| PENC | 78.6 | 353 | Pg | 13:40:40.64 | 0.35 |
| PSZ | 99.3 | 22 | Pg | 13:40:43.56 | -0.43 |
| MORH | 113.2 | 211 | Pg | 13:40:46.39 | -0.08 |
| PKSM | 113.7 | 211 | Pg | 13:40:46.39 | -0.17 |
| | | | Sg | 41:01.45 | -0.94 |

1080.

2021-07-22 time: 14:12:48.16 UTC ML= 2.0
 lat: 47.064N lon: 19.457E h= 0.0 km
 erh= 4.2km erz= 780km
 nr= 9 gap=194 rms=0.58
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.6 | 265 | Pg | 14:12:52.57 | 0.38 |
| | | | Sg | 12:54.83 | -0.50 |
| PKB5 | 75.8 | 227 | Pg | 14:13:02.59 | 0.89 |
| PENC | 81.8 | 351 | Pg | 14:13:03.35 | 0.58 |
| PSZ | 100.5 | 19 | Pg | 14:13:05.81 | -0.30 |
| | | | Sg | 13:19.57 | -0.54 |
| PKS9 | 104.4 | 239 | Pg | 14:13:05.92 | -0.88 |
| PKSM | 113.5 | 213 | Pg | 14:13:08.54 | 0.12 |
| | | | Sg | 13:23.65 | -0.58 |

1081.

2021-07-23 time: 6:04:31.93 UTC ML= 0.6
 lat: 47.305N lon: 18.290E h= 0.0 km
 erh= 0.9km erz= 163km
 nr= 6 gap=217 rms=0.10
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 6.8 | 341 | Pg | 6:04:33.10 | -0.04 |
| | | | Sg | 04:34.21 | 0.12 |
| PKSG | 12.3 | 38 | Pg | 6:04:34.19 | 0.07 |
| | | | Sg | 04:35.57 | -0.25 |
| PKST | 20.0 | 255 | Pg | 6:04:35.45 | -0.05 |
| | | | Sg | 04:38.39 | 0.10 |

1082.

2021-07-23 time: 6:09:54.59 UTC ML= 1.0
 lat: 47.281N lon: 18.325E h= 0.0 km
 erh= 3.8km erz= 588km
 nr= 6 gap=242 rms=0.38
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.3 | 332 | Pg | 6:09:56.02 | -0.42 |
| | | | Sg | 09:57.43 | -0.45 |
| PKSG | 13.3 | 22 | Pg | 6:09:57.17 | 0.21 |
| | | | Sg | 09:59.16 | 0.35 |
| PKST | 22.1 | 264 | Pg | 6:09:58.49 | -0.06 |
| | | | Sg | 10:02.42 | 0.79 |

1083.

2021-07-23 time: 7:13:33.11 UTC ML= 1.3
 lat: 47.082N lon: 18.019E h= 0.0 km
 erh= 1.9km erz= 563km
 nr= 7 gap=123 rms=0.38
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.7 | 3 | Pg | 7:13:36.51 | -0.12 |
| | | | Sg | 13:38.38 | -0.99 |
| CSKK | 36.2 | 30 | Pg | 7:13:39.89 | 0.32 |
| | | | Sg | 13:44.98 | 0.37 |
| MPLH | 37.7 | 285 | Sg | 7:13:45.43 | 0.34 |
| PKSM | 107.8 | 154 | Sg | 7:14:07.19 | -0.20 |
| KOVH | 110.6 | 177 | Sg | 7:14:07.99 | -0.29 |

Hypocenter Parameters

Földrengés paraméterek

1084.

2021-07-23 time: 7:15:21.73 UTC ML= 0.9
 lat: 47.073N lon: 18.342E h= 0.0 km
 erh= 1.3km erz= 3.1km
 nr= 10 gap=115 rms=0.43
 Locality: Kőszárhegy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 31.2 | 312 | Pg | 7:15:27.56 | 0.27 |
| | | | Sg | 15:31.75 | 0.12 |
| CSKK | 32.8 | 349 | Pg | 7:15:27.96 | 0.37 |
| | | | Sg | 15:31.75 | -0.42 |
| PKSG | 35.6 | 6 | Sg | 7:15:33.31 | 0.26 |
| MPLH | 61.8 | 280 | Sg | 7:15:40.46 | -0.92 |
| MORH | 98.1 | 166 | Sg | 7:15:52.93 | 0.04 |
| PKSM | 98.4 | 167 | Sg | 7:15:53.24 | 0.22 |
| KOVH | 111.0 | 190 | Sg | 7:15:56.83 | -0.19 |
| PSZ | 150.1 | 51 | Sn | 7:16:06.34 | -1.21 |

1085.

2021-07-23 time: 8:59:27.01 UTC ML= 1.4
 lat: 48.431N lon: 17.244E h= 0.0 km
 erh= 2.3km erz= 684km
 nr= 7 gap=116 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MODS | 6.8 | 159 | PgU | 8:59:27.90 | -0.33 |
| | | | Sg | 59:29.57 | 0.39 |
| SMOL | 16.5 | 56 | Pg | 8:59:29.62 | -0.33 |
| | | | Sg | 59:33.35 | 1.10 |
| ZST | 28.1 | 202 | Sg | 8:59:36.72 | 0.77 |
| KRUC | 93.9 | 318 | Pg | 8:59:43.57 | -0.20 |
| | | | Sg | 59:56.67 | -0.18 |

1086.

2021-07-23 time: 9:04:50.13 UTC ML= 1.5
 lat: 48.627N lon: 20.765E h= 0.0 km
 erh= 2.8km erz= 2.3km
 nr= 9 gap=209 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 26.1 | 232 | Pg | 9:04:55.00 | 0.21 |
| | | | Sg | 04:58.43 | 0.01 |
| ABAH | 50.8 | 136 | Pg | 9:04:59.30 | 0.09 |
| | | | Sg | 05:06.64 | 0.35 |
| PSZ | 101.9 | 219 | Pg | 9:05:08.50 | 0.18 |
| | | | Sg | 05:21.65 | -0.87 |
| TRPA | 142.5 | 113 | Sn | 9:05:32.94 | -1.35 |
| VYHS | 143.2 | 264 | Pn | 9:05:15.49 | 0.48 |
| | | | Sn | 05:33.68 | -0.74 |

1087.

2021-07-23 time: 11:00:58.78 UTC ML= 0.7
 lat: 47.807N lon: 16.021E h= 0.0 km
 erh= 2.8km erz= 664km
 nr= 5 gap=162 rms=0.30
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 18.0 | 318 | Pg | 11:01:02.06 | 0.07 |
| | | | Sg | 01:04.48 | -0.02 |
| RONA | 23.8 | 120 | Pg | 11:01:02.67 | -0.37 |
| | | | Sg | 01:07.00 | 0.64 |
| ARSA | 72.4 | 211 | Sg | 11:01:21.91 | 0.11 |

1088.

2021-07-23 time: 11:26:58.68 UTC ML= 1.7
 lat: 46.474N lon: 16.960E h= 14.4 km
 erh= 3.0km erz= 1.2km
 nr= 8 gap=168 rms=0.39
 Locality: Palin
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BEHE | 14.2 | 268 | PgD | 11:27:02.31 | 0.03 |
| | | | Sg | 27:04.93 | -0.16 |
| KOGS | 54.6 | 267 | Sg | 11:27:15.73 | -0.89 |
| KOVH | 97.7 | 116 | S* | 11:27:29.31 | -0.11 |
| PTJ | 100.2 | 231 | S* | 11:27:30.54 | 0.45 |
| GROS | 112.0 | 269 | Pn | 11:27:18.31 | 0.47 |
| | | | Sn | 27:32.31 | -0.47 |
| ARSA | 139.5 | 308 | Sn | 11:27:38.90 | 0.01 |

1089.

2021-07-23 time: 16:13:03.53 UTC ML= 1.1
 lat: 47.584N lon: 16.331E h= 0.0 km
 erh= 2.2km erz= 2.7km
 nr= 9 gap=182 rms=0.75
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.1 | 349 | PgU | 16:13:06.16 | 0.28 |
| | | | Sg | 13:08.43 | 0.72 |
| SOP | 20.4 | 57 | Sg | 16:13:10.22 | 0.21 |
| CONA | 52.0 | 317 | Pg | 16:13:13.80 | 0.98 |
| | | | Sg | 13:20.32 | 0.26 |
| ARSA | 71.3 | 239 | Sg | 16:13:25.66 | -0.55 |
| MODS | 112.7 | 39 | Sg | 16:13:38.91 | -0.45 |
| KRUC | 164.4 | 2 | Pn | 16:13:30.37 | -0.70 |
| | | | Sn | 13:50.57 | -1.97 |

1090.

2021-07-24 time: 7:57:38.25 UTC ML= 1.3
 lat: 46.207N lon: 18.248E h= 0.0 km
 erh= 1.7km erz= 483km
 nr= 9 gap=142 rms=0.36
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.4 | 221 | PgU | 7:57:41.91 | 0.55 |
| | | | Sg | 57:43.37 | -0.41 |
| PKSM | 30.4 | 89 | Pg | 7:57:43.87 | 0.20 |
| | | | Sg | 57:47.88 | -0.02 |
| MORH | 30.6 | 88 | Pg | 7:57:43.75 | 0.04 |
| | | | Sg | 57:47.83 | -0.15 |
| PKSV | 35.3 | 179 | Pg | 7:57:44.68 | 0.12 |
| | | | Sg | 57:48.86 | -0.62 |
| PKS9 | 42.4 | 3 | Sg | 7:57:50.95 | -0.76 |

1091.

2021-07-24 time: 9:43:35.33 UTC ML= 1.6
 lat: 45.925N lon: 22.681E h= 0.0 km
 erh= 2.2km erz= 4.8km
 nr= 12 gap=104 rms=0.66
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|------------|-------|
| DEV | 17.8 | 105 | Pg | 9:43:38.57 | 0.06 |
| | | | Sg | 43:40.59 | -0.41 |
| GZR | 59.6 | 173 | Pg | 9:43:47.10 | 1.13 |
| | | | Sg | 43:53.51 | -0.75 |

Földrengés paraméterek

Hypocenter Parameters

SIRR 87.7 296 Pg 9:43:51.57 0.58
 Sg 44:02.81 -0.40
 BZS 89.6 248 Pg 9:43:51.32 -0.02
 Sg 44:02.47 -1.35
 DRGR 96.3 1 Pg 9:43:52.78 0.25
 Sg 44:04.62 -1.33
 VOIR 192.3 106 Pn 9:44:06.54 0.20
 Sn 44:30.16 -0.37

PKS9 257.7 298 Pn 20:37:13.48 0.79
 PSZ 286.2 339 Pn 20:37:16.32 0.08
 PENC 293.8 329 Pn 20:37:17.81 0.62
 PKSG 302.0 314 Pn 20:37:18.66 0.45*
 Sn 37:52.12 0.12*
 CSKK 307.2 312 Pn 20:37:19.21 0.35*
 Sn 37:52.61 -0.55*
 TRPA 307.6 19 Pn 20:37:18.84 -0.07*
 PKST 313.2 308 Pn 20:37:20.42 0.81*
 BLY 329.5 255 Pn 20:37:30.50 8.86*
 MPLH 338.6 303 Pn 20:37:22.97 0.19*
 VYHS 378.1 331 ePn 20:37:30.70 3.00*
 eSn 38:07.60 -1.29*
 MODS 437.8 317 ePn 20:37:36.80 1.65*
 eSn 38:18.50 -3.65*

1092.

2021-07-24 time: 10:49:07.24 UTC ML= 1.3
 lat: 45.931N lon: 22.661E h= 0.0 km
 erh= 1.7km erz= 4.2km
 nr= 9 gap=103 rms=0.47
 Locality: Romania
 Comments: probably explosion

1094.

2021-07-26 time: 7:13:21.64 UTC ML= 1.4
 lat: 45.824N lon: 18.409E h= 0.0 km
 erh= 5.5km erz= 813km
 nr= 8 gap=278 rms=0.60
 Locality: Kistapolca
 Comments: probably explosion

sta dist azm phase hr mn sec res
 DEV 19.5 106 PgU 10:49:10.44 -0.29
 Sg 49:13.41 -0.05
 GZR 60.4 171 Sg 10:49:26.36 -0.08
 SIRR 86.0 296 Sg 10:49:34.77 0.19
 BZS 88.4 247 Pg 10:49:23.57 0.54
 Sg 49:33.65 -1.69
 DRGR 95.8 2 Pg 10:49:24.58 0.23
 Sg 49:37.09 -0.60
 VOIR 194.0 106 Sn 10:50:03.23 0.40

sta dist azm phase hr mn sec res
 PKSV 14.1 300 Pg 7:13:24.95 0.78
 Sg 13:26.23 0.10
 KOVH 37.9 321 Pg 7:13:27.10 -1.31
 Sg 13:33.42 -0.28
 PKSM 46.7 23 Pg 7:13:30.31 0.33
 Sg 13:36.34 -0.15
 MORH 47.2 23 Pg 7:13:30.21 0.14
 Sg 13:36.59 -0.06

1093.

2021-07-24 time: 20:36:34.89 UTC ML= 2.7
 lat: 45.513N lon: 21.230E h= 10.7 km
 erh= 1.8km erz= 1.4km
 nr= 38 gap=111 rms=0.81
 Locality: Romania
 Comments:

1095.

2021-07-26 time: 9:21:16.11 UTC ML= 1.6
 lat: 48.574N lon: 20.706E h= 0.0 km
 erh= 2.9km erz= 4.2km
 nr= 9 gap=183 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta dist azm phase hr mn sec res
 BANR 16.3 207 PgD 20:36:38.47 0.09
 Sg 36:41.04 -0.07
 BZS 32.3 69 Pg 20:36:41.18 0.21
 Sg 36:46.17 0.47
 SIRR 90.2 22 Pg 20:36:51.00 -0.12
 Sg 37:02.32 -1.45
 BEO 98.1 218 Sg 20:37:05.21 -1.05
 AMBH 100.9 337 P* 20:36:52.03 -0.96
 S* 37:07.64 0.54
 FRGS 119.0 249 Pn 20:36:54.67 -0.73
 Sn 37:10.31 -1.08
 GZR 121.7 96 Pn 20:36:56.01 0.28
 Sn 37:11.52 -0.46
 DEV 136.6 72 Sn 20:37:15.32 0.02
 PKS6 176.7 313 Pn 20:37:03.14 0.56
 Sn 37:23.49 -0.69
 DRGR 182.4 39 Pn 20:37:03.96 0.66
 Sn 37:25.49 0.03
 PKSN 186.4 326 Sn 20:37:25.55 -0.78
 PKB3 187.4 303 Pn 20:37:04.23 0.30
 Sn 37:29.57 3.00
 PKS2 190.4 305 Pn 20:37:04.93 0.63
 Sn 37:25.61 -1.62
 PKB2 200.8 310 Pn 20:37:05.51 -0.08
 Sn 37:33.99 4.46*
 MORH 215.5 291 Pn 20:37:07.33 -0.09
 Sn 37:36.64 3.84
 PKSM 215.5 291 Pn 20:37:07.42 -0.01
 Sn 37:36.58 3.77
 CJR 226.5 54 Pn 20:37:13.50 4.70
 PKB5 227.4 302 Pn 20:37:09.24 0.32
 Sn 37:41.13 5.68*
 PKB4 230.9 298 Pn 20:37:09.85 0.50
 PKB1 235.5 307 Pn 20:37:11.04 1.12
 PKSV 235.7 280 Pn 20:37:14.71 4.77
 KOVH 251.6 285 Pn 20:37:12.38 0.45

sta dist azm phase hr mn sec res
 KECS 19.2 238 Pg 9:21:20.12 0.59
 Sg 21:22.54 0.34
 ABAH 50.2 128 Pg 9:21:25.41 0.34
 Sg 21:31.30 -0.76
 PSZ 94.6 220 Pg 9:21:33.17 0.16
 Sg 21:45.11 -1.07
 LANS 111.2 305 Pg 9:21:35.74 -0.23
 VYHS 138.4 266 Pn 9:21:40.57 0.17
 Sn 21:57.90 -1.45

1096.

2021-07-26 time: 13:31:40.75 UTC ML= 1.3
 lat: 47.538N lon: 16.348E h= 0.0 km
 erh= 3.5km erz= 4.6km
 nr= 10 gap=198 rms=0.70
 Locality: Austria
 Comments: probably explosion

sta dist azm phase hr mn sec res
 RONA 18.4 348 PgU 13:31:44.48 0.44
 Sg 31:46.19 -0.41
 SOP 22.6 44 Pg 13:31:45.39 0.60
 Sg 31:47.70 -0.24
 CONA 56.7 320 Pg 13:31:51.63 0.75
 Sg 31:58.79 0.02
 ARSA 70.0 243 Sg 13:32:01.87 -1.13
 MODS 116.0 37 Sg 13:32:16.73 -0.89
 KRUC 169.5 1 Pn 13:32:08.87 -0.05
 Sn 32:28.52 -2.37

Hypocenter Parameters

Földrengés paraméterek

1097.

2021-07-26 time: 17:08:05.39 UTC ML= 0.7
 lat: 47.561N lon: 16.351E h= 0.0 km
 erh= 2.1km erz= 4.8km
 nr= 9 gap=192 rms=0.56
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.0 | 345 | PgU | 17:08:08.38 | 0.14 |
| | | | Sg | 08:10.37 | -0.09 |
| SOP | 20.7 | 49 | Pg | 17:08:09.44 | 0.35 |
| | | | Sg | 08:12.16 | 0.19 |
| CONA | 54.9 | 318 | Pg | 17:08:15.61 | 0.41 |
| | | | Sg | 08:23.14 | 0.30 |
| ARSA | 71.4 | 241 | Sg | 17:08:27.23 | -0.85 |
| MODS | 113.8 | 37 | Sg | 17:08:40.88 | -0.69 |
| KRUC | 166.9 | 1 | Sn | 17:08:52.67 | -2.29 |

1098.

2021-07-27 time: 7:19:40.50 UTC ML= 1.4
 lat: 47.317N lon: 18.437E h= 0.0 km
 erh= 1.1km erz= 8.3km
 nr= 11 gap=114 rms=0.35
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSG | 9.0 | 337 | PgU | 7:19:42.55 | 0.44 |
| | | | Sg | 19:42.95 | -0.42 |
| CSKK | 14.3 | 291 | PgU | 7:19:43.08 | 0.03 |
| | | | Sg | 19:45.11 | 0.07 |
| PKST | 31.1 | 258 | Pg | 7:19:46.39 | 0.33 |
| | | | Sg | 19:50.11 | -0.28 |
| MPLH | 69.9 | 256 | Sg | 7:20:02.07 | -0.64 |
| MORH | 123.4 | 173 | Sg | 7:20:19.78 | 0.05 |
| PKSM | 123.8 | 173 | Sg | 7:20:19.78 | -0.08 |
| PSZ | 128.4 | 59 | Sg | 7:20:21.09 | -0.21 |
| VYHS | 134.2 | 13 | Sn | 7:20:20.59 | -2.22* |

1099.

2021-07-27 time: 9:20:51.91 UTC ML= 0.9
 lat: 47.209N lon: 18.265E h= 0.0 km
 erh= 4.7km erz= 577km
 nr= 6 gap=263 rms=0.37
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 17.1 | 359 | Pg | 9:20:54.61 | -0.35 |
| | | | Sg | 20:56.56 | -0.79 |
| PKST | 18.4 | 288 | Pg | 9:20:55.21 | 0.03 |
| | | | Sg | 20:58.07 | 0.33 |
| PKSG | 22.4 | 25 | Pg | 9:20:56.16 | 0.25 |
| | | | Sg | 20:59.48 | 0.45 |

1100.

2021-07-27 time: 9:42:26.91 UTC ML= 1.1
 lat: 46.137N lon: 18.039E h= 0.0 km
 erh= 1.8km erz= 241km
 nr= 7 gap=290 rms=0.16
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 7.2 | 139 | PgU | 9:42:28.10 | -0.09 |
| | | | Sg | 42:29.51 | 0.31 |
| PKSV | 32.2 | 149 | Sg | 9:42:36.94 | -0.21 |
| PKSM | 47.3 | 80 | Pg | 9:42:35.43 | 0.08 |

| | | | | | |
|------|------|----|----|------------|-------|
| | | | Sg | 42:41.93 | 0.00 |
| MORH | 47.5 | 79 | Pg | 9:42:35.51 | 0.11 |
| | | | Sg | 42:41.73 | -0.29 |

1101.

2021-07-27 time: 9:57:43.36 UTC ML= 1.1
 lat: 46.130N lon: 18.072E h= 0.0 km
 erh= 1.8km erz= 236km
 nr= 7 gap=283 rms=0.17
 Locality: Abaliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 5.2 | 155 | Pg | 9:57:44.26 | -0.02 |
| | | | Sg | 57:45.24 | 0.24 |
| PKSV | 30.3 | 153 | Pg | 9:57:48.69 | -0.08 |
| | | | Sg | 57:52.69 | -0.30 |
| PKSM | 44.9 | 78 | Sg | 9:57:57.54 | -0.10 |
| MORH | 45.2 | 78 | Pg | 9:57:51.67 | 0.24 |
| | | | Sg | 57:57.62 | -0.11 |

1102.

2021-07-27 time: 10:00:40.02 UTC ML= 1.5
 lat: 48.168N lon: 16.874E h= 0.0 km
 erh= 1.0km erz= 177km
 nr= 6 gap=171 rms=0.11
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 17.3 | 80 | Pg | 10:00:43.01 | -0.10 |
| | | | Sg | 00:45.72 | 0.21 |
| MODS | 37.7 | 53 | Pg | 10:00:46.62 | -0.13 |
| | | | Sg | 00:52.05 | 0.06 |
| CONA | 80.0 | 251 | Pg | 10:00:54.30 | -0.01 |
| KRUC | 105.5 | 340 | Pg | 10:00:58.97 | 0.12 |

1103.

2021-07-27 time: 11:01:08.94 UTC ML= 2.0
 lat: 48.237N lon: 21.244E h= 0.0 km
 erh= 1.4km erz= 2.3km
 nr= 16 gap= 98 rms=0.49
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 6.5 | 357 | Pg | 11:01:10.25 | 0.14 |
| | | | Sg | 01:11.21 | 0.19 |
| KECS | 62.5 | 296 | Pg | 11:01:19.93 | -0.18 |
| | | | Sg | 01:27.58 | -1.23 |
| TRPA | 97.0 | 97 | Pg | 11:01:25.77 | -0.50 |
| | | | Sg | 01:39.22 | -0.56 |
| PSZ | 106.7 | 251 | Pg | 11:01:28.54 | 0.55 |
| | | | Sg | 01:41.34 | -1.50 |
| LTVH | 106.8 | 153 | Pg | 11:01:28.44 | 0.43 |
| | | | Sg | 01:42.70 | -0.18 |
| KOLS | 108.4 | 44 | Pg | 11:01:28.39 | 0.09 |
| | | | Sg | 01:43.20 | -0.20 |
| NIE | 148.1 | 333 | Pn | 11:01:34.77 | 0.33 |
| LANS | 165.6 | 308 | Sn | 11:01:58.45 | 0.24 |
| VYHS | 180.7 | 279 | Pn | 11:01:39.30 | 0.79 |
| | | | Sn | 02:01.17 | -0.40 |

1104.

2021-07-28 time: 6:10:24.48 UTC ML= 1.1
 lat: 47.969N lon: 16.093E h= 0.0 km
 erh= 0.2km erz=26.6km
 nr= 5 gap=258 rms=0.01
 Locality: Austria
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CONA | 17.8 | 255 | Pg | 6:10:27.66 | -0.01 |
| | | | Sg | 10:30.17 | 0.02 |
| RONA | 33.6 | 153 | Pg | 6:10:30.47 | -0.01 |
| | | | Sg | 10:35.17 | 0.02 |
| ARSA | 90.6 | 208 | Sg | 6:10:53.27 | -0.02 |

1105.

2021-07-28 time: 7:45:40.07 UTC ML= 0.9
 lat: 48.630N lon: 20.810E h= 0.0 km
 erh= 6.8km erz= 5.5km
 nr= 5 gap=235 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 28.9 | 236 | Pg | 7:45:45.96 | 0.72 |
| | | | Sg | 45:49.73 | 0.45 |
| ABAH | 48.9 | 139 | Sg | 7:45:55.75 | 0.15 |
| PSZ | 104.3 | 221 | Sg | 7:46:12.02 | -1.20 |
| VYHS | 146.5 | 264 | Sn | 7:46:24.17 | -0.93 |

1106.

2021-07-28 time: 10:01:18.81 UTC ML= 1.7
 lat: 48.117N lon: 16.914E h= 0.0 km
 erh= 2.2km erz= 2.2km
 nr= 13 gap= 86 rms=0.70
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 16.5 | 58 | Pg | 10:01:22.34 | 0.58 |
| | | | Sg | 01:23.94 | -0.13 |
| MODS | 39.3 | 43 | Pg | 10:01:26.25 | 0.43 |
| | | | Sg | 01:31.17 | -0.12 |
| SMOL | 58.3 | 41 | Sg | 10:01:37.85 | 0.50 |
| RONA | 65.5 | 225 | Pg | 10:01:31.07 | 0.57 |
| CONA | 81.3 | 255 | Pg | 10:01:33.79 | 0.47 |
| KRUC | 111.8 | 340 | Sg | 10:01:53.31 | -1.04 |
| PKST | 127.2 | 139 | Sg | 10:01:57.33 | -1.90 |
| ARSA | 142.1 | 227 | Pn | 10:01:43.77 | 0.21 |
| | | | Sn | 02:01.65 | -1.21 |
| VYHS | 148.6 | 74 | Sn | 10:02:03.05 | -1.26 |
| MORC | 190.2 | 14 | Sn | 10:02:13.10 | -0.45 |

1107.

2021-07-28 time: 10:31:44.20 UTC ML= 1.2
 lat: 48.857N lon: 20.539E h= 0.0 km
 erh= 3.7km erz= 6.6km
 nr= 10 gap=101 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 41.8 | 185 | Pg | 10:31:51.71 | 0.04 |
| | | | Sg | 31:57.34 | -0.15 |
| NIE | 64.6 | 345 | Pg | 10:31:55.74 | 0.01 |
| | | | Sg | 32:04.38 | -0.34 |
| ABAH | 81.1 | 140 | Sg | 10:32:08.79 | -1.18 |
| PSZ | 114.8 | 205 | Pg | 10:32:05.47 | 0.76 |
| | | | Sg | 32:19.13 | -1.57 |
| KOLS | 127.4 | 86 | Pg | 10:32:07.49 | 0.53 |
| VYHS | 131.8 | 252 | Pn | 10:32:08.39 | 0.73 |
| | | | Sn | 32:23.15 | -2.82 |

1108.

2021-07-28 time: 10:37:57.93 UTC ML= 1.5
 lat: 48.852N lon: 20.504E h= 0.0 km
 erh= 2.2km erz= 840km
 nr= 12 gap= 98 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 41.1 | 182 | Pg | 10:38:04.89 | -0.37 |
| | | | Sg | 38:10.41 | -0.57 |
| NIE | 64.5 | 348 | Pg | 10:38:10.01 | 0.55 |
| | | | Sg | 38:17.84 | -0.61 |
| ABAH | 82.3 | 139 | Pg | 10:38:13.82 | 1.20 |
| | | | Sg | 38:24.17 | 0.09 |
| PSZ | 113.2 | 204 | Pg | 10:38:18.34 | 0.19 |
| | | | Sg | 38:32.60 | -1.32 |
| VYHS | 129.1 | 252 | Pg | 10:38:21.56 | 0.57 |
| | | | Sg | 38:38.33 | -0.65 |
| KOLS | 130.0 | 86 | Pg | 10:38:21.16 | 0.01 |
| | | | Sg | 38:37.82 | -1.45 |

1109.

2021-07-28 time: 12:47:04.92 UTC ML= 1.2
 lat: 47.597N lon: 16.339E h= 0.0 km
 erh= 3.0km erz= 3.2km
 nr= 11 gap=147 rms=0.90
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 11.9 | 344 | PgU | 12:47:07.58 | 0.54 |
| | | | Sg | 47:09.33 | 0.63 |
| SOP | 19.1 | 60 | Pg | 12:47:08.63 | 0.30 |
| | | | Sg | 47:11.44 | 0.45 |
| CONA | 51.4 | 316 | Pg | 12:47:15.21 | 1.11 |
| | | | Sg | 47:20.70 | -0.55 |
| MODS | 111.2 | 39 | Pg | 12:47:25.12 | 0.34 |
| | | | Sg | 47:38.88 | -1.40 |
| GROS | 141.4 | 207 | Sn | 12:47:46.76 | -2.05 |
| KRUC | 163.0 | 1 | Pn | 12:47:31.96 | -0.32 |
| | | | Sn | 47:51.58 | -2.03 |

1110.

2021-07-29 time: 7:58:18.44 UTC ML= 2.7
 lat: 48.682N lon: 19.677E h= 0.0 km
 erh= 2.5km erz= 958km
 nr= 10 gap= 92 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 54.3 | 344 | Pg | 7:58:29.07 | 0.94 |
| | | | Sg | 58:35.07 | -0.62 |
| KECS | 63.6 | 110 | Pg | 7:58:29.92 | 0.12 |
| | | | Sg | 58:38.63 | -0.03 |
| VYHS | 65.5 | 251 | Pg | 7:58:30.60 | 0.47 |
| | | | Sg | 58:37.55 | -1.70 |
| PSZ | 86.5 | 169 | Pg | 7:58:34.51 | 0.63 |
| | | | Sg | 58:45.21 | -0.71 |
| NIE | 94.2 | 30 | Sg | 7:58:47.37 | -1.00 |
| ABAH | 123.2 | 110 | Sg | 7:58:56.81 | -0.79 |

1111.

2021-07-29 time: 9:00:06.59 UTC ML= 2.3
 lat: 48.427N lon: 17.291E h= 0.0 km
 erh= 2.4km erz= 673km
 nr= 8 gap=143 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| MODS | 6.1 | 190 | PgU | 9:00:07.30 | | | -0.37 |
| | | | Sg | | 00:08.81 | | 0.30 |
| SMOL | 14.0 | 47 | Pg | 9:00:09.00 | | | -0.09 |
| | | | Sg | | 00:12.27 | | 1.24 |
| ZST | 29.3 | 209 | Pg | 9:00:11.95 | | | 0.14 |
| | | | Sg | | 00:16.23 | | 0.34 |
| KRUC | 96.5 | 317 | Pg | 9:00:23.12 | | | -0.71 |
| | | | Sg | | 00:37.83 | | 0.56 |

1112.

2021-07-29 time: 9:01:47.03 UTC ML= 1.0
 lat: 47.196N lon: 18.263E h= 0.0 km
 erh= 2.0km erz= 572km
 nr= 8 gap=141 rms=0.41
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CSKK | 18.5 | 360 | Pg | 9:01:49.97 | | | -0.37 |
| | | | Sg | | 01:52.48 | | -0.44 |
| PKST | 18.6 | 292 | Pg | 9:01:50.42 | | | 0.06 |
| | | | Sg | | 01:53.18 | | 0.23 |
| PKSG | 23.8 | 24 | Pg | 9:01:51.72 | | | 0.44 |
| | | | Sg | | 01:54.69 | | 0.10 |
| MORH | 112.9 | 165 | Sg | 9:02:23.30 | | | 0.40 |
| KOVH | 123.8 | 186 | Sg | 9:02:25.11 | | | -1.28 |

1113.

2021-07-29 time: 10:08:34.53 UTC ML= 1.5
 lat: 48.455N lon: 19.561E h= 0.0 km
 erh= 2.6km erz= 585km
 nr= 6 gap=173 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| VYHS | 53.8 | 275 | Pg | 10:08:44.58 | | | 0.45 |
| | | | Sg | | 08:51.08 | | -0.54 |
| PSZ | 64.6 | 157 | Pg | 10:08:45.76 | | | -0.31 |
| | | | Sg | | 08:55.48 | | 0.41 |
| KECS | 68.4 | 87 | Pg | 10:08:46.69 | | | -0.06 |
| | | | Sg | | 08:56.23 | | -0.05 |

1114.

2021-07-30 time: 6:12:40.11 UTC ML= 0.9
 lat: 47.629N lon: 16.351E h= 0.0 km
 erh= 1.3km erz= 2.6km
 nr= 9 gap=167 rms=0.42
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| RONA | 8.9 | 332 | Pg | 6:12:41.84 | | | 0.15 |
| | | | Sg | | 12:43.25 | | 0.32 |
| SOP | 16.7 | 69 | Pg | 6:12:43.15 | | | 0.06 |
| | | | Sg | | 12:45.76 | | 0.34 |
| CONA | 49.5 | 312 | Pg | 6:12:49.40 | | | 0.44 |
| | | | Sg | | 12:55.30 | | -0.56 |
| ARSA | 75.3 | 236 | Sg | 6:13:03.73 | | | -0.32 |
| KRUC | 159.4 | 1 | Pn | 6:13:06.37 | | | -0.64 |
| | | | Sn | | 13:26.16 | | -1.84 |

1115.

2021-07-30 time: 6:21:03.37 UTC ML= 1.7
 lat: 45.575N lon: 17.282E h= 0.0 km
 erh= 7.9km erz= 8.2km
 nr= 9 gap=216 rms=0.82
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSV | 83.2 | 65 | Pg | 6:21:19.00 | | | 0.78 |
| | | | Sg | | 21:30.25 | | 0.44 |
| KOVH | 85.4 | 48 | Pg | 6:21:18.80 | | | 0.18 |
| | | | Sg | | 21:30.25 | | -0.27 |
| BEHE | 106.9 | 338 | Pg | 6:21:23.02 | | | 0.55 |
| MORH | 127.5 | 56 | Pg | 6:21:25.23 | | | -0.91 |
| | | | Sg | | 21:41.09 | | -2.80 |
| CRES | 144.9 | 281 | Pn | 6:21:28.80 | | | 0.33 |
| | | | Sn | | 21:46.32 | | -1.72 |

1116.

2021-07-30 time: 6:41:39.01 UTC ML= 1.4
 lat: 47.983N lon: 19.564E h= 0.0 km
 erh= 1.0km erz= 2.5km
 nr= 7 gap=150 rms=0.25
 Locality: Hollókő
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PSZ | 25.7 | 106 | Pg | 6:41:43.41 | | | -0.19 |
| | | | Sg | | 41:47.53 | | 0.34 |
| PENC | 30.1 | 225 | Pg | 6:41:44.31 | | | -0.07 |
| | | | Sg | | 41:48.93 | | 0.36 |
| VYHS | 78.4 | 316 | Pg | 6:41:53.05 | | | 0.04 |
| | | | Sg | | 42:04.00 | | 0.07 |
| PKST | 140.4 | 235 | Sn | 6:42:21.87 | | | -0.81 |

1117.

2021-07-30 time: 6:54:37.70 UTC ML= 1.6
 lat: 46.847N lon: 17.227E h= 0.0 km
 erh= 2.4km erz= 5.7km
 nr= 13 gap=111 rms=0.74
 Locality: Rezi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| MPLH | 43.1 | 33 | Pg | 6:54:45.42 | | | 0.02 |
| | | | Sg | | 54:51.55 | | 0.15 |
| EGYH | 63.9 | 7 | Sg | 6:54:58.68 | | | 0.66 |
| PKST | 76.6 | 53 | Sg | 6:55:01.19 | | | -0.85 |
| CSKK | 97.2 | 54 | Sg | 6:55:08.82 | | | 0.22 |
| PKSG | 107.1 | 56 | Sg | 6:55:12.53 | | | 0.79 |
| KOVH | 107.7 | 142 | Pg | 6:54:57.97 | | | 1.03 |
| | | | Sg | | 55:12.03 | | 0.09 |
| RONA | 118.1 | 323 | Pg | 6:54:58.78 | | | -0.02 |
| | | | Sg | | 55:13.94 | | -1.31 |
| MORH | 129.4 | 123 | Sg | 6:55:17.25 | | | -1.58 |
| PKSM | 129.4 | 123 | Sg | 6:55:17.56 | | | -1.29 |
| GROS | 138.9 | 252 | Sn | 6:55:21.29 | | | 0.25 |

1118.

2021-07-30 time: 12:01:55.34 UTC ML= 1.8
 lat: 48.429N lon: 17.228E h= 0.0 km
 erh= 1.9km erz= 600km
 nr= 8 gap=119 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|------|
| MODS | 7.2 | 149 | PgU | 12:01:56.68 | | | 0.06 |
| | | | Sg | | 01:58.14 | | 0.51 |

Földrengés paraméterek

SMOL 17.6 58 Pg 12:01:58.11 -0.37
 Sg 02:01.07 0.14
 ZST 27.5 200 Pg 12:02:00.24 -0.01
 Sg 02:03.66 -0.43
 KRUC 93.2 319 Pg 12:02:12.60 0.61
 Sg 02:24.00 -0.97

1119.

2021-07-31 time: 9:04:16.61 UTC ML= 1.2
 lat: 46.158N lon: 18.313E h= 0.0 km
 erh= 1.2km erz= 502km
 nr= 16 gap=112 rms=0.44
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| KOVH | 18.2 | 245 | Pg | 9:04:19.31 | | | -0.55 |
| | | | Sg | 04:22.32 | | | -0.07 |
| PKSM | 26.1 | 77 | Pg | 9:04:21.32 | | | 0.05 |
| | | | Sg | 04:25.03 | | | 0.13 |
| MORH | 26.4 | 76 | Pg | 9:04:21.11 | | | -0.21 |
| | | | Sg | 04:24.83 | | | -0.17 |
| PKSV | 30.3 | 189 | Pg | 9:04:22.02 | | | 0.01 |
| | | | Sg | 04:26.74 | | | 0.51 |
| PKB4 | 43.8 | 31 | Sg | 9:04:30.48 | | | -0.06 |
| PKS9 | 47.8 | 357 | Pg | 9:04:26.07 | | | 0.92 |
| | | | Sg | 04:31.74 | | | -0.07 |
| PKB5 | 58.5 | 34 | Sg | 9:04:35.00 | | | -0.21 |
| PKB3 | 74.1 | 66 | Sg | 9:04:40.53 | | | 0.36 |
| PKB1 | 78.8 | 28 | Sg | 9:04:41.90 | | | 0.24 |
| PKB2 | 91.7 | 51 | Sg | 9:04:44.81 | | | -0.94 |
| PKST | 124.3 | 350 | Sg | 9:04:53.55 | | | -2.57* |

1120.

2021-08-02 time: 8:11:14.51 UTC ML= 1.9
 lat: 47.986N lon: 20.137E h= 0.0 km
 erh= 4.8km erz= 3.5km
 nr= 12 gap=164 rms=0.96
 Locality: Kisfűzes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PSZ | 19.6 | 247 | Pg | 8:11:18.34 | | | 0.33 |
| | | | Sg | 11:20.95 | | | 0.21 |
| KECS | 61.0 | 25 | Sg | 8:11:33.00 | | | -0.90 |
| PENC | 67.6 | 251 | Pg | 8:11:27.38 | | | 0.81 |
| | | | Sg | 11:36.02 | | | 0.04 |
| PKSN | 122.8 | 190 | Sg | 8:11:52.28 | | | -1.25 |
| PKS7 | 127.7 | 215 | Sg | 8:11:53.29 | | | -1.80 |
| LANS | 138.6 | 339 | Sn | 8:11:56.20 | | | -1.58 |
| PKSG | 146.8 | 243 | Pn | 8:11:41.34 | | | 1.49 |
| | | | Sn | 11:59.21 | | | -0.40 |
| NIE | 159.8 | 5 | Sn | 8:12:02.83 | | | 0.33 |
| PKST | 177.5 | 243 | Sn | 8:12:06.24 | | | -0.19 |

1121.

2021-08-02 time: 9:13:10.24 UTC ML= 1.1
 lat: 46.144N lon: 18.305E h= 0.0 km
 erh= 2.2km erz= 660km
 nr= 11 gap=114 rms=0.53
 Locality: Vasas
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 17.1 | 249 | Pg | 9:13:13.01 | | | -0.27 |
| | | | Sg | 13:15.32 | | | -0.34 |
| PKSM | 27.0 | 74 | Pg | 9:13:15.01 | | | -0.05 |
| | | | Sg | 13:18.99 | | | 0.17 |
| MORH | 27.3 | 73 | Pg | 9:13:14.87 | | | -0.25 |
| | | | Sg | 13:18.43 | | | -0.50 |
| PKSV | 28.7 | 188 | Pg | 9:13:15.42 | | | 0.06 |
| | | | Sg | 13:19.74 | | | 0.38 |

Hypocenter Parameters

PKB5 60.1 33 Pg 9:13:22.20 1.24
 PKB1 80.4 28 Sg 9:13:35.53 -0.26
 PKST 125.6 351 Sg 9:13:48.17 -2.00

1122.

2021-08-03 time: 6:57:13.14 UTC ML= 1.4
 lat: 47.114N lon: 18.004E h= 0.0 km
 erh= 2.7km erz= 4.5km
 nr= 10 gap=141 rms=0.65
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKST | 16.2 | 8 | Pg | 6:57:15.27 | | | -0.77 |
| | | | Sg | 57:17.48 | | | -0.82 |
| TIH | 25.3 | 200 | Pg | 6:57:17.92 | | | 0.27 |
| | | | Sg | 57:21.03 | | | -0.15 |
| CSKK | 33.8 | 35 | Pg | 6:57:19.79 | | | 0.62 |
| | | | Sg | 57:24.31 | | | 0.43 |
| MPLH | 35.8 | 280 | Pg | 6:57:20.18 | | | 0.65 |
| | | | Sg | 57:24.76 | | | 0.24 |
| KOVH | 114.3 | 176 | Sg | 6:57:47.56 | | | -1.90 |
| VYHS | 165.6 | 22 | Sn | 6:58:02.10 | | | -0.31 |

1123.

2021-08-03 time: 7:44:05.16 UTC ML= 1.5
 lat: 45.514N lon: 17.777E h= 0.0 km
 erh= 4.9km erz= 6.2km
 nr= 9 gap=282 rms=0.40
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSV | 55.8 | 42 | Pg | 7:44:15.32 | | | 0.21 |
| | | | Sg | 44:23.32 | | | 0.44 |
| KOVH | 68.6 | 21 | Pg | 7:44:18.11 | | | 0.69 |
| | | | Sg | 44:26.90 | | | -0.08 |
| PKSM | 102.6 | 41 | Pg | 7:44:23.37 | | | -0.11 |
| | | | Sg | 44:37.38 | | | -0.40 |
| MORH | 103.1 | 41 | Pg | 7:44:23.47 | | | -0.10 |
| | | | Sg | 44:37.03 | | | -0.90 |
| BEHE | 131.6 | 324 | Pn | 7:44:28.29 | | | -0.31 |

1124.

2021-08-03 time: 8:45:09.93 UTC ML= 1.7
 lat: 48.408N lon: 19.090E h= 0.0 km
 erh= 1.8km erz= 2.4km
 nr= 20 gap= 57 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 21.1 | 297 | PgU | 8:45:14.37 | | | 0.67 |
| | | | Sg | 45:16.88 | | | 0.24 |
| PENC | 70.1 | 168 | Pg | 8:45:23.26 | | | 0.81 |
| | | | Sg | 45:31.94 | | | -0.28 |
| PSZ | 80.9 | 132 | Pg | 8:45:25.01 | | | 0.63 |
| | | | Sg | 45:34.76 | | | -0.89 |
| LANS | 87.1 | 19 | Pg | 8:45:25.72 | | | 0.23 |
| | | | Sg | 45:37.02 | | | -0.61 |
| KECS | 103.6 | 85 | Pg | 8:45:27.93 | | | -0.50 |
| | | | Sg | 45:41.48 | | | -1.38 |
| PKSG | 124.5 | 205 | Pg | 8:45:33.00 | | | 0.84 |
| | | | Sg | 45:48.46 | | | -1.04 |
| CSKK | 131.7 | 208 | Sn | 8:45:50.17 | | | -1.51 |
| MODS | 134.3 | 268 | Pn | 8:45:34.36 | | | 0.65 |
| | | | Sn | 45:50.72 | | | -1.54 |
| NIE | 143.8 | 39 | Pn | 8:45:36.06 | | | 1.16 |
| | | | Sn | 45:53.64 | | | -0.73 |
| PKST | 150.2 | 212 | Sn | 8:45:54.79 | | | -1.00 |
| MORC | 189.6 | 323 | Pn | 8:45:40.58 | | | -0.03 |
| | | | Sn | 46:02.57 | | | -1.97 |

Hypocenter Parameters

Földrengés paraméterek

1125.

2021-08-03 time: 9:14:09.00 UTC ML= 1.4
 lat: 48.559N lon: 17.391E h= 0.0 km
 erh= 2.6km erz= 720km
 nr= 8 gap=146 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 5.8 | 151 | Pg | 9:14:09.62 | -0.41 |
| | | | Sg | 14:10.47 | -0.36 |
| MODS | 22.3 | 202 | Pg | 9:14:13.60 | 0.62 |
| | | | Sg | 14:15.91 | -0.17 |
| ZST | 45.7 | 208 | Sg | 9:14:23.34 | -0.18 |
| KRUC | 92.1 | 307 | Pg | 9:14:25.43 | -0.01 |
| VYHS | 107.0 | 94 | Pg | 9:14:28.68 | 0.58 |
| | | | Sg | 14:41.38 | -1.63 |

1126.

2021-08-03 time: 9:29:20.98 UTC ML= 1.2
 lat: 47.426N lon: 18.733E h= 0.0 km
 erh= 2.6km erz= 4.0km
 nr= 12 gap=102 rms=0.98
 Locality: Etyek
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 21.5 | 78 | Sg | 9:29:28.87 | 1.05 |
| BUD | 22.9 | 74 | Sg | 9:29:28.57 | 0.33 |
| PKSG | 26.1 | 262 | Pg | 9:29:26.17 | 0.53 |
| | | | Sg | 29:30.09 | 0.82 |
| CSKK | 36.3 | 259 | Sg | 9:29:32.60 | 0.07 |
| PKST | 56.0 | 251 | Sg | 9:29:38.82 | 0.06 |
| PKB5 | 92.3 | 180 | Sg | 9:29:49.37 | -0.96 |
| MPLH | 94.6 | 253 | Sg | 9:29:52.60 | 1.54 |
| PSZ | 103.0 | 58 | Sg | 9:29:54.09 | 0.37 |
| VYHS | 119.0 | 4 | Sg | 9:29:57.11 | -1.70 |
| MORH | 134.7 | 183 | Sn | 9:30:02.14 | -1.24 |
| PKSM | 135.1 | 183 | Sn | 9:30:01.82 | -1.66 |

1127.

2021-08-03 time: 9:35:47.15 UTC ML= 0.8
 lat: 47.164N lon: 18.281E h= 0.0 km
 erh= 7.8km erz= 939km
 nr= 6 gap=281 rms=0.64
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 21.5 | 299 | Pg | 9:35:50.94 | -0.05 |
| | | | Sg | 35:54.14 | 0.16 |
| CSKK | 22.2 | 356 | Pg | 9:35:50.72 | -0.39 |
| | | | Sg | 35:52.34 | -1.87 |
| PKSG | 26.7 | 18 | Pg | 9:35:52.68 | 0.77 |
| | | | Sg | 35:55.89 | 0.27 |

1128.

2021-08-03 time: 10:17:48.87 UTC ML= 1.5
 lat: 47.861N lon: 19.154E h= 0.0 km
 erh= 2.0km erz= 319km
 nr= 5 gap=212 rms=0.14
 Locality: Nótincse
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 12.4 | 129 | Pg | 10:17:51.21 | 0.14 |
| | | | Sg | 17:52.57 | -0.23 |
| PSZ | 55.7 | 83 | Pg | 10:17:58.71 | -0.11 |
| | | | Sg | 18:06.77 | 0.19 |

VYHS 74.3 341 Sg 10:18:12.45 -0.02

1129.

2021-08-03 time: 10:50:40.12 UTC ML= 1.3
 lat: 45.961N lon: 18.592E h= 0.0 km
 erh= 3.5km erz= 7.8km
 nr= 8 gap=245 rms=0.46
 Locality: Nagynyárád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 27.6 | 253 | Pg | 10:50:45.03 | -0.01 |
| | | | Sg | 50:48.46 | -0.43 |
| PKSM | 28.1 | 8 | Pg | 10:50:45.27 | 0.13 |
| | | | Sg | 50:48.83 | -0.22 |
| MORH | 28.6 | 8 | Pg | 10:50:45.40 | 0.18 |
| | | | Sg | 50:48.63 | -0.57 |
| PKS9 | 73.6 | 341 | Sg | 10:51:04.47 | 0.95 |
| PKST | 150.5 | 343 | Sn | 10:51:23.69 | -2.34 |

1130.

2021-08-03 time: 12:31:40.47 UTC ML= 2.0
 lat: 47.720N lon: 16.005E h= 7.6 km
 erh= 1.6km erz= 1.4km
 nr= 34 gap= 59 rms=0.84
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 22.0 | 96 | Pg | 12:31:44.80 | 0.17 |
| | | | Sg | 31:47.61 | -0.26 |
| CONA | 25.5 | 335 | Pg | 12:31:45.99 | 0.77 |
| | | | Sg | 31:49.25 | 0.32 |
| SOP | 41.8 | 96 | PgU | 12:31:48.02 | -0.03 |
| | | | Sg | 31:53.11 | -0.86 |
| WINA | 43.4 | 7 | Pg | 12:31:49.24 | 0.91 |
| | | | Sg | 31:54.56 | 0.10 |
| ARSA | 63.6 | 215 | Pg | 12:31:51.54 | -0.37 |
| | | | Sg | 31:58.79 | -2.04 |
| ZST | 97.6 | 57 | Pg | 12:31:57.31 | -0.65 |
| | | | Sg | 32:10.14 | -1.45 |
| EGYH | 105.4 | 109 | Sg | 12:32:14.66 | 0.60 |
| ABNA | 113.9 | 338 | Pn | 12:32:00.32 | -0.42 |
| | | | Sn | 32:14.71 | -1.84 |
| MODS | 119.5 | 53 | Pn | 12:32:01.55 | 0.10 |
| | | | Sn | 32:16.44 | -1.36 |
| MPLH | 130.9 | 118 | Sn | 12:32:20.55 | 0.21 |
| MOA | 131.1 | 276 | Pn | 12:32:03.64 | 0.75 |
| | | | Sn | 32:19.78 | -0.59 |
| SOKA | 137.3 | 212 | Pn | 12:32:03.11 | -0.55 |
| | | | Sn | 32:18.69 | -3.06 |
| SMOL | 138.0 | 50 | Sn | 12:32:22.16 | 0.26 |
| KOGS | 142.6 | 172 | Sn | 12:32:23.87 | 0.94 |
| KRUC | 152.0 | 11 | PnD | 12:32:05.79 | 0.30 |
| | | | Sn | 32:24.52 | -0.49 |
| PKST | 161.3 | 109 | Pn | 12:32:08.40 | 1.74 |
| | | | Sn | 32:28.69 | 1.61 |
| OBKA | 174.2 | 219 | Pn | 12:32:08.87 | 0.61 |
| | | | Sn | 32:30.02 | 0.09 |
| TREC | 179.2 | 348 | eSn | 12:32:32.10 | 1.04 |
| KBA | 213.1 | 250 | Sn | 12:32:40.22 | 1.65 |
| MYKA | 216.3 | 236 | Sn | 12:32:39.62 | 0.34 |
| VYHS | 227.8 | 68 | eSn | 12:32:40.40 | -1.43 |
| WTTA | 333.1 | 261 | Sn | 12:33:05.86 | 0.66* |
| FETA | 406.0 | 259 | Pn | 12:32:37.20 | 0.04* |

Földrengés paraméterek

Hypocenter Parameters

1131.

 2021-08-04 time: 5:06:00.25 UTC ML= 1.4
 lat: 47.279N lon: 17.638E h= 0.0 km
 erh= 1.7km erz= 2.4km
 nr= 15 gap= 83 rms=0.67
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 14.2 | 212 | Pg | 5:06:03.30 | 0.51 |
| | | | Sg | 06:05.41 | 0.64 |
| EGYH | 27.8 | 304 | Pg | 5:06:05.51 | 0.30 |
| | | | Sg | 06:09.34 | 0.26 |
| PKST | 30.1 | 94 | Pg | 5:06:05.61 | 0.00 |
| | | | Sg | 06:09.69 | -0.11 |
| PNNH | 31.8 | 17 | Sg | 5:06:09.81 | -0.54 |
| CSKK | 48.0 | 79 | Sg | 5:06:15.16 | -0.33 |
| PKSG | 58.2 | 78 | Sg | 5:06:19.77 | 1.01 |
| RONA | 111.4 | 295 | Pg | 5:06:20.00 | -0.14 |
| | | | Sg | 06:33.02 | -2.64 |
| KOVH | 137.0 | 165 | Sn | 5:06:41.99 | -1.18 |
| MORH | 141.0 | 147 | Sn | 5:06:42.99 | -1.07 |
| PKSM | 141.2 | 147 | Sn | 5:06:43.20 | -0.91 |
| PSZ | 184.0 | 67 | Sn | 5:06:55.08 | 1.48 |

1132.

 2021-08-04 time: 9:07:59.51 UTC ML= 0.8
 lat: 47.194N lon: 18.237E h= 0.0 km
 erh= 4.9km erz= 616km
 nr= 6 gap=268 rms=0.36
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 17.0 | 295 | Pg | 9:08:02.56 | 0.02 |
| | | | Sg | 08:05.28 | 0.38 |
| CSKK | 18.9 | 5 | Pg | 9:08:02.31 | -0.58 |
| | | | Sg | 08:05.23 | -0.30 |
| PKSG | 24.9 | 28 | Pg | 9:08:04.28 | 0.32 |
| | | | Sg | 08:07.75 | 0.32 |

1133.

 2021-08-04 time: 10:13:30.44 UTC ML= 1.5
 lat: 47.888N lon: 20.127E h= 0.0 km
 erh= 5.8km erz= 5.0km
 nr= 7 gap=225 rms=0.73
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 17.7 | 281 | Pg | 10:13:33.92 | 0.31 |
| | | | Sg | 13:36.94 | 0.86 |
| PENC | 64.2 | 260 | Sg | 10:13:51.35 | 0.50 |
| KECS | 71.4 | 22 | Sg | 10:13:53.36 | 0.23 |
| VYHS | 117.3 | 305 | Pg | 10:13:51.45 | 0.06 |
| | | | Sg | 14:06.06 | -1.67 |
| PKSG | 141.7 | 247 | Sn | 10:14:13.21 | -1.19 |

1134.

 2021-08-04 time: 10:35:31.05 UTC ML= 1.1
 lat: 47.202N lon: 18.262E h= 0.0 km
 erh= 3.3km erz= 442km
 nr= 6 gap=241 rms=0.33
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.9 | 360 | Sg | 10:35:35.97 | -0.76 |
| PKST | 18.4 | 290 | Pg | 10:35:34.16 | -0.17 |
| | | | Sg | 35:36.83 | -0.05 |

PKSG 23.2 25 Sg 10:35:38.90 0.48
 MPLH 54.9 266 Pg 10:35:41.11 0.26
 Sg 35:48.47 -0.02

1135.

 2021-08-04 time: 10:46:18.47 UTC ML= 1.3
 lat: 48.563N lon: 20.728E h= 0.0 km
 erh= 9.0km erz= ***km
 nr= 6 gap=238 rms=0.60
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 20.0 | 244 | Pg | 10:46:21.92 | -0.11 |
| | | | Sg | 46:25.34 | 0.52 |
| PSZ | 94.7 | 221 | Pg | 10:46:35.62 | 0.24 |
| | | | Sg | 46:47.91 | -0.67 |
| NIE | 99.9 | 342 | Pg | 10:46:36.73 | 0.43 |
| | | | Sg | 46:48.31 | -1.91 |

1136.

 2021-08-04 time: 15:34:56.31 UTC ML= 1.1
 lat: 47.556N lon: 16.332E h= 0.0 km
 erh= 3.3km erz= 6.0km
 nr= 9 gap=191 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.2 | 351 | Pg | 15:34:59.19 | -0.02 |
| | | | Sg | 35:00.90 | -0.57 |
| SOP | 22.2 | 50 | Pg | 15:35:00.30 | 0.03 |
| | | | Sg | 35:02.92 | -0.44 |
| CONA | 54.4 | 320 | Pg | 15:35:06.95 | 0.93 |
| | | | Sg | 35:13.70 | 0.10 |
| ARSA | 69.8 | 241 | Sg | 15:35:17.32 | -1.18 |
| KRUC | 167.6 | 2 | Pn | 15:35:24.63 | 0.40 |
| | | | Sn | 35:43.25 | -2.77 |

1137.

 2021-08-04 time: 18:49:01.16 UTC ML= 1.2
 lat: 48.437N lon: 17.050E h= 11.1 km
 erh= 2.1km erz= 3.1km
 nr= 9 gap=108 rms=0.36
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 18.3 | 113 | Pg | 18:49:04.73 | -0.24 |
| | | | Sg | 49:07.20 | -0.75 |
| SMOL | 29.3 | 73 | Pg | 18:49:07.00 | 0.25 |
| | | | Sg | 49:11.53 | 0.41 |
| KRUC | 84.6 | 325 | Pg | 18:49:16.56 | 0.17 |
| | | | Sg | 49:27.85 | -0.42 |
| RONA | 99.3 | 214 | P* | 18:49:19.39 | 0.41 |
| | | | S* | 49:32.39 | -0.49 |
| CONA | 104.9 | 237 | S* | 18:49:34.28 | -0.10 |

1138.

 2021-08-05 time: 6:47:07.21 UTC ML= 1.7
 lat: 47.309N lon: 18.429E h= 0.0 km
 erh= 1.4km erz= 2.9km
 nr= 12 gap= 91 rms=0.63
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.7 | 342 | Pg | 6:47:09.67 | 0.73 |
| | | | Sg | 47:10.10 | -0.19 |
| CSKK | 14.1 | 295 | Pg | 6:47:09.89 | 0.16 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | Sg | 47:11.20 | -0.50 | |
| PKST | 30.4 | 260 | Pg | 6:47:12.97 | 0.33 |
| | | Sg | 47:16.97 | 0.10 | |
| A338 | 78.8 | 356 | Sg | 6:47:32.08 | -0.17 |
| PKB3 | 114.4 | 149 | Sg | 6:47:44.47 | 0.91 |
| PKSM | 123.0 | 172 | Sg | 6:47:45.81 | -0.49 |
| PSZ | 129.3 | 58 | Sg | 6:47:47.68 | -0.64 |
| VYHS | 135.3 | 13 | Sn | 6:47:47.39 | -2.36 |
| KOVH | 138.0 | 191 | Sn | 6:47:49.04 | -1.31 |

1139.

2021-08-05 time: 7:32:18.60 UTC ML= 1.4
 lat: 48.589N lon: 20.681E h= 0.0 km
 erh= 0.4km erz= 0.2km
 nr= 5 gap=312 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 18.6 | 231 | Pg | 7:32:22.32 | | | 0.40 |
| | | | Sg | 32:24.79 | | | 0.29 |
| PSZ | 94.7 | 218 | Pg | 7:32:35.42 | | | -0.09 |
| | | | Sg | 32:48.06 | | | -0.63 |
| VYHS | 136.6 | 266 | Sn | 7:33:01.01 | | | -0.43 |

1140.

2021-08-05 time: 9:43:52.02 UTC ML= 0.9
 lat: 47.161N lon: 18.314E h= 0.0 km
 erh= 3.0km erz= 4.6km
 nr= 10 gap=112 rms=0.78
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 22.8 | 350 | Pg | 9:43:56.16 | | | 0.07 |
| | | | Sg | 43:58.13 | | | -1.13 |
| PKST | 23.8 | 297 | Pg | 9:43:56.61 | | | 0.34 |
| | | | Sg | 43:59.28 | | | -0.31 |
| PKSG | 26.3 | 13 | Pg | 9:43:58.08 | | | 1.37 |
| | | | Sg | 44:00.29 | | | -0.08 |
| MORH | 108.1 | 166 | Sg | 9:44:26.16 | | | -0.23 |
| KOVH | 120.4 | 188 | Sg | 9:44:29.79 | | | -0.51 |
| PSZ | 145.7 | 55 | Sn | 9:44:36.54 | | | -0.35 |
| VYHS | 153.2 | 15 | Sn | 9:44:36.44 | | | -2.11 |

1141.

2021-08-05 time: 16:22:24.95 UTC ML= 1.4
 lat: 47.489N lon: 16.694E h= 4.1 km
 erh= 1.9km erz= 3.1km
 nr= 22 gap= 78 rms=0.83
 Locality: Und
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| SOP | 23.9 | 335 | Pg | 16:22:29.89 | | | 0.61 |
| | | | Sg | 22:32.89 | | | 0.22 |
| RONA | 38.0 | 308 | PgU | 16:22:32.26 | | | 0.48 |
| | | | Sg | 22:36.97 | | | -0.13 |
| EGYH | 48.7 | 99 | Pg | 16:22:34.20 | | | 0.52 |
| | | | Sg | 22:40.23 | | | -0.26 |
| MPLH | 73.1 | 119 | Pg | 16:22:38.73 | | | 0.72 |
| | | | Sg | 22:47.40 | | | -0.80 |
| CONA | 79.3 | 308 | Pg | 16:22:39.52 | | | 0.39 |
| | | | Sg | 22:48.59 | | | -1.61 |
| WINA | 83.1 | 326 | Pg | 16:22:39.74 | | | -0.05 |
| | | | Sg | 22:51.32 | | | -0.06 |
| ZST | 84.4 | 21 | Sg | 16:22:50.68 | | | -1.13 |
| ARSA | 92.3 | 253 | Sg | 16:22:52.39 | | | -1.93 |
| PKST | 104.4 | 104 | Sg | 16:22:56.32 | | | -1.83 |
| KOGS | 120.5 | 196 | Pg | 16:22:46.81 | | | 0.33 |
| | | | Sg | 23:02.34 | | | -0.93 |
| SOKA | 155.1 | 234 | Pn | 16:22:51.11 | | | 0.32 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----|-------------|-------|
| ABNA | 161.6 | 324 | Pn | 16:22:52.24 | 0.64 |
| | | | Sn | 23:11.05 | -1.34 |
| MOA | 186.7 | 282 | Pn | 16:22:57.83 | 3.09 |
| | | | Sn | 23:19.47 | 1.49 |

1142.

2021-08-06 time: 8:35:21.54 UTC ML= 1.4
 lat: 48.593N lon: 20.745E h= 0.0 km
 erh= 1.4km erz= 5.9km
 nr= 8 gap=149 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 22.7 | 237 | Pg | 8:35:25.87 | | | 0.28 |
| | | | Sg | 35:28.84 | | | 0.08 |
| NIE | 97.1 | 341 | Pg | 8:35:38.66 | | | -0.22 |
| | | | Sg | 35:52.47 | | | 0.06 |
| PSZ | 98.1 | 220 | Sg | 8:35:52.77 | | | 0.06 |
| KOLS | 118.6 | 71 | Pg | 8:35:43.05 | | | 0.34 |
| | | | Sg | 35:58.46 | | | -0.76 |
| VYHS | 141.4 | 266 | Sn | 8:36:03.35 | | | -2.09 |

1143.

2021-08-06 time: 9:00:51.32 UTC ML= 1.1
 lat: 47.173N lon: 18.275E h= 0.0 km
 erh= 5.2km erz= 8.6km
 nr= 7 gap=278 rms=0.65
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKST | 20.6 | 298 | Pg | 9:00:54.95 | | | -0.05 |
| | | | Sg | 00:58.22 | | | 0.36 |
| CSKK | 21.2 | 357 | Pg | 9:00:54.72 | | | -0.39 |
| | | | Sg | 00:57.17 | | | -0.89 |
| PKSG | 25.9 | 20 | Pg | 9:00:56.67 | | | 0.73 |
| | | | Sg | 01:00.03 | | | 0.48 |
| VYHS | 152.8 | 16 | Sn | 9:01:34.95 | | | -2.80 |

1144.

2021-08-06 time: 10:05:45.70 UTC ML= 2.0
 lat: 47.016N lon: 22.321E h= 0.0 km
 erh= 2.1km erz= 2.7km
 nr= 10 gap=156 rms=0.42
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DRGR | 38.9 | 130 | Pg | 10:05:52.83 | | | 0.19 |
| | | | Sg | 05:57.72 | | | -0.33 |
| SIRR | 97.4 | 211 | Pg | 10:06:02.86 | | | -0.24 |
| CJR | 103.1 | 109 | Pg | 10:06:04.21 | | | 0.10 |
| | | | Sg | 06:17.88 | | | -0.58 |
| TRPA | 124.9 | 8 | Pg | 10:06:07.89 | | | -0.12 |
| BZS | 164.8 | 199 | Pn | 10:06:13.34 | | | 0.06 |
| | | | Sn | 06:33.33 | | | -1.47 |
| GZR | 183.8 | 169 | Pn | 10:06:16.71 | | | 1.05 |
| | | | Sn | 06:39.63 | | | 0.61 |

1145.

2021-08-06 time: 10:54:36.73 UTC ML= 1.3
 lat: 48.377N lon: 19.811E h= 0.0 km
 erh= 1.9km erz= 659km
 nr= 8 gap=107 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| KECS | 51.3 | 77 | Pg | 10:54:45.77 | | | -0.12 |

Földrengés paraméterek

Hypocenter Parameters

PSZ 51.4 173 Sg 54:53.73 0.69
 Pg 10:54:45.87 -0.03
 Sg 54:52.72 -0.34
 VYHS 73.3 280 Pg 10:54:50.31 0.49
 Sg 54:59.57 -0.46
 LANS 89.7 344 Sg 10:55:05.22 -0.01
 NIE 121.6 18 Sg 10:55:13.48 -1.89

1146.

2021-08-06 time: 15:52:00.99 UTC ML= 1.5
 lat: 47.576N lon: 16.368E h= 0.0 km
 erh= 3.6km erz= 3.7km
 nr= 8 gap=266 rms=0.54
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.8 | 339 | PgU | 15:52:03.80 | 0.17 |
| | | | Sg | 52:05.64 | -0.05 |
| SOP | 18.7 | 50 | Sg | 15:52:07.55 | 0.63 |
| CONA | 54.6 | 316 | Sg | 15:52:18.63 | 0.30 |
| MODS | 111.8 | 37 | Pg | 15:52:21.32 | 0.38 |
| | | | Sg | 52:35.60 | -0.91 |
| KRUC | 165.3 | 1 | Pn | 15:52:28.04 | -0.59 |
| | | | Sn | 52:47.54 | -2.65 |

1147.

2021-08-07 time: 0:58:55.17 UTC ML= 2.1
 lat: 45.583N lon: 16.099E h= 5.9 km
 erh= 1.6km erz= 1.5km
 nr= 33 gap=125 rms=0.59
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 28.5 | 343 | Pg | 0:59:00.83 | 0.46 |
| | | | Sg | 59:04.91 | 0.49 |
| PTJ | 36.8 | 343 | PgD | 0:59:01.80 | -0.03 |
| | | | Sg | 59:06.30 | -0.73 |
| GCIS | 48.4 | 311 | iPg | 0:59:04.11 | 0.24 |
| CRES | 56.8 | 298 | Pg | 0:59:05.30 | -0.07 |
| | | | Sg | 59:12.69 | -0.63 |
| GOLS | 60.1 | 322 | ePg | 0:59:05.92 | -0.04 |
| BOJS | 66.7 | 262 | iPg | 0:59:06.95 | -0.18 |
| LEGS | 73.1 | 304 | iPg | 0:59:08.17 | -0.09 |
| | | | eSg | 59:17.50 | -0.98 |
| DOBS | 79.7 | 322 | iPg | 0:59:09.57 | 0.13 |
| KOGS | 96.8 | 7 | Pg | 0:59:12.26 | -0.23 |
| | | | Sg | 59:26.42 | 0.41 |
| BEHE | 111.6 | 28 | Pg | 0:59:14.91 | -0.22 |
| | | | Sg | 59:30.75 | 0.05 |
| BLY | 126.0 | 137 | Pn | 0:59:17.48 | 0.32 |
| | | | Sn | 59:33.31 | -1.00 |
| SOKA | 146.9 | 326 | Sn | 0:59:38.35 | -0.60 |
| OBKA | 158.0 | 311 | Pn | 0:59:21.35 | 0.20 |
| | | | Sn | 59:40.77 | -0.65 |
| KOVH | 165.3 | 70 | Pn | 0:59:21.16 | -0.90 |
| | | | Sn | 59:42.96 | -0.07 |
| PKSV | 171.0 | 79 | Pn | 0:59:24.71 | 1.94 |
| | | | Sn | 59:44.46 | 0.16 |
| TRI | 182.5 | 274 | Pn | 0:59:25.67 | 1.46 |
| | | | Sn | 59:49.33 | 2.48 |
| ARSA | 190.5 | 347 | Sn | 0:59:48.78 | 0.15 |
| PKSM | 209.3 | 71 | Sn | 0:59:56.13 | 3.33* |
| MORH | 209.7 | 70 | Pn | 0:59:26.71 | -0.88 |
| | | | Sn | 59:56.13 | 3.25* |
| RONA | 235.7 | 4 | Pn | 0:59:31.54 | 0.70 |
| SOP | 236.1 | 9 | Pn | 0:59:30.54 | -0.34 |
| CONA | 261.3 | 356 | Pn | 0:59:33.90 | -0.13 |
| | | | Sn | 1:00:03.39 | -0.95 |

1148.

2021-08-07 time: 23:09:44.74 UTC ML= 0.5
 lat: 47.591N lon: 18.547E h= 15.1 km
 erh= 6.3km erz= 2.7km
 nr= 9 gap=306 rms=0.43
 Locality: Tarján
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 25.1 | 208 | Pg | 23:09:50.67 | 0.70 |
| | | | Sg | 09:53.99 | -0.07 |
| CSKK | 33.3 | 220 | Pg | 23:09:50.93 | -0.34 |
| | | | Sg | 09:55.54 | -0.83 |
| PKST | 53.5 | 226 | Pg | 23:09:54.65 | -0.02 |
| | | | Sg | 10:02.72 | 0.31 |
| PKB5 | 111.7 | 173 | Sn | 23:10:18.51 | -0.11 |
| PKB4 | 121.8 | 178 | Sn | 23:10:20.47 | -0.40 |
| PKSM | 153.5 | 177 | Sn | 23:10:28.38 | 0.48 |

1149.

2021-08-09 time: 7:52:23.48 UTC ML= 1.4
 lat: 47.257N lon: 17.661E h= 0.0 km
 erh= 1.9km erz= 1.6km
 nr= 11 gap=169 rms=0.61
 Locality: Németsbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 13.3 | 224 | Pg | 7:52:26.33 | 0.48 |
| | | | Sg | 52:28.16 | 0.45 |
| PKST | 28.3 | 89 | Pg | 7:52:28.70 | 0.18 |
| | | | Sg | 52:31.98 | -0.48 |
| CSKK | 46.9 | 75 | Sg | 7:52:38.38 | 0.01 |
| PKSG | 57.2 | 75 | Sg | 7:52:42.70 | 1.05 |
| KOVH | 134.2 | 166 | Sn | 7:53:05.14 | -0.63 |
| MORH | 138.0 | 147 | Sn | 7:53:05.65 | -0.97 |
| PKSM | 138.2 | 147 | Sn | 7:53:05.88 | -0.80 |
| VYHS | 163.3 | 33 | Pn | 7:52:50.90 | 0.03 |
| | | | Sn | 53:09.95 | -2.28 |

1150.

2021-08-09 time: 8:06:46.26 UTC ML= 1.2
 lat: 48.094N lon: 20.699E h= 0.0 km
 erh= 2.6km erz= 557km
 nr= 5 gap=191 rms=0.25
 Locality: Perces
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 46.1 | 61 | Pg | 8:06:54.66 | 0.18 |
| | | | Sg | 07:00.48 | -0.42 |
| KECS | 46.1 | 340 | Sg | 8:07:00.99 | 0.07 |
| PSZ | 63.1 | 252 | Pg | 8:06:57.69 | 0.16 |
| | | | Sg | 07:05.92 | -0.40 |

1151.

2021-08-09 time: 9:48:08.55 UTC ML= 1.8
 lat: 48.869N lon: 21.857E h= 0.0 km
 erh= 2.9km erz= 6.7km
 nr= 9 gap=139 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOLS | 31.3 | 77 | Pg | 9:48:14.19 | 0.05 |
| | | | Sg | 48:17.85 | -0.65 |
| ABAH | 78.3 | 216 | Pg | 9:48:23.33 | 0.79 |
| | | | Sg | 48:33.01 | -0.44 |
| KECS | 109.8 | 247 | Pg | 9:48:28.45 | 0.31 |
| | | | Sg | 48:42.42 | -1.01 |

Hypocenter Parameters

NIE 128.2 298 Pg 9:48:31.67 0.23
 Sg 48:47.84 -1.45
 LANS 177.6 280 Pn 9:48:37.82 0.10

1152.

2021-08-09 time: 10:16:11.21 UTC ML= 1.7
 lat: 47.373N lon: 18.431E h= 0.0 km
 erh= 1.7km erz= 3.3km
 nr= 21 gap= 74 rms=0.92
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 3.7 | 305 | PgU | 10:16:13.28 | 1.42 |
| | | | Sg | 16:13.79 | 1.41 |
| CSKK | 12.9 | 265 | Pg | 10:16:13.47 | -0.04 |
| | | | Sg | 16:15.00 | -0.31 |
| PKST | 32.5 | 247 | Pg | 10:16:16.65 | -0.37 |
| | | | Sg | 16:21.22 | -0.33 |
| MPLH | 71.1 | 252 | Sg | 10:16:33.75 | -0.06 |
| | | | Sg | 10:16:40.14 | 0.47 |
| PKB5 | 89.6 | 165 | Sg | 10:16:42.63 | 0.16 |
| | | | Sg | 10:16:44.24 | 1.51 |
| PKB4 | 98.4 | 172 | Sg | 10:16:44.24 | 1.51 |
| | | | Sg | 10:16:49.36 | -0.16 |
| PKB3 | 120.5 | 151 | Sg | 10:16:50.16 | 0.25 |
| | | | Sg | 10:16:50.16 | 0.25 |
| PKS6 | 121.8 | 135 | Sg | 10:16:50.16 | 0.25 |
| | | | Sg | 16:50.38 | -0.75 |
| PSZ | 125.6 | 61 | Pg | 10:16:33.71 | 0.08 |
| | | | Sg | 16:50.38 | -0.75 |
| VYHS | 128.3 | 14 | Pg | 10:16:34.40 | 0.29 |
| | | | Sg | 16:51.17 | -0.81 |
| MORH | 129.7 | 173 | Sg | 10:16:50.06 | -2.36 |
| | | | Sg | 10:16:50.04 | -2.52 |
| PKSM | 130.1 | 173 | Sg | 10:16:50.04 | -2.52 |
| | | | Sn | 10:16:52.87 | -2.11 |
| MODS | 140.8 | 322 | Sn | 10:16:52.87 | -2.11 |
| | | | Sn | 10:16:55.18 | -0.74 |
| KOVH | 145.0 | 190 | Sn | 10:16:55.18 | -0.74 |
| | | | Sn | 10:17:01.31 | 0.83 |
| PKSV | 165.6 | 185 | Sn | 10:17:01.31 | 0.83 |
| | | | Sn | 10:17:01.31 | 0.83 |

1153.

2021-08-09 time: 10:56:19.13 UTC ML= 2.1
 lat: 48.234N lon: 21.263E h= 0.0 km
 erh= 1.9km erz= 2.1km
 nr= 17 gap= 70 rms=0.72
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 7.2 | 346 | PgU | 10:56:21.00 | 0.59 |
| | | | Sg | 56:21.71 | 0.31 |
| KECS | 63.9 | 296 | Pg | 10:56:30.87 | 0.33 |
| | | | Sg | 56:38.90 | -0.55 |
| TRPA | 95.6 | 97 | Pg | 10:56:36.42 | 0.22 |
| | | | Sg | 56:49.38 | -0.14 |
| KOLS | 107.8 | 44 | Pg | 10:56:39.03 | 0.66 |
| | | | Sg | 56:51.94 | -1.44 |
| PSZ | 107.8 | 251 | Pg | 10:56:39.03 | 0.65 |
| | | | Sg | 56:51.53 | -1.87 |
| BSZH | 127.9 | 216 | Sg | 10:56:57.56 | -2.21 |
| | | | Sn | 10:57:03.53 | -1.22 |
| NIE | 149.1 | 332 | Sn | 10:57:06.55 | 0.32 |
| | | | Sn | 10:57:06.55 | 0.32 |
| PENC | 155.8 | 252 | Sn | 10:57:06.55 | 0.32 |
| | | | Sn | 10:57:08.81 | 0.12 |
| LANS | 166.9 | 308 | Sn | 10:57:08.81 | 0.12 |
| | | | Sn | 10:57:12.32 | 0.25 |
| VYHS | 182.1 | 279 | Sn | 10:57:12.32 | 0.25 |
| | | | Pn | 10:56:49.98 | -0.36 |
| DRGR | 193.9 | 146 | Pn | 10:56:49.98 | -0.36 |
| | | | Sn | 57:14.88 | 0.19 |

1154.

2021-08-09 time: 13:34:51.79 UTC ML= 1.2
 lat: 47.826N lon: 16.006E h= 0.0 km
 erh= 3.6km erz= 6.5km
 nr= 9 gap=107 rms=1.16
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| CONA | 15.7 | 317 | Pg | 13:34:55.38 | 0.79 |

Földrengés paraméterek

Sg 34:58.39 1.61
 RONA 25.9 123 Pg 13:34:57.08 0.66
 Sg 35:01.00 0.97
 ARSA 73.6 210 Pg 13:35:05.42 0.49
 Sg 35:13.85 -1.33
 MODS 112.6 57 Sg 13:35:25.90 -1.68
 KRUC 140.4 12 Pn 13:35:15.57 -0.76
 Sn 35:32.64 -2.83

1155.

2021-08-09 time: 18:11:32.87 UTC ML= 0.6
 lat: 47.816N lon: 16.205E h= 15.0 km
 erh= 1.9km erz= 1.2km
 nr= 15 gap= 77 rms=0.55
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 14.7 | 152 | PgD | 18:11:36.94 | 0.32 |
| | | | Sg | 11:39.16 | -0.39 |
| CONA | 28.5 | 296 | Pg | 18:11:38.81 | 0.19 |
| | | | Sg | 11:42.42 | -0.69 |
| SOP | 30.4 | 119 | Pg | 18:11:39.46 | 0.54 |
| | | | Sg | 11:42.96 | -0.68 |
| WINA | 33.8 | 343 | Pg | 18:11:39.84 | 0.37 |
| | | | Sg | 11:44.31 | -0.32 |
| ARSA | 81.2 | 219 | S* | 18:11:58.39 | -0.62 |
| | | | Sn | 18:12:03.50 | -0.91 |
| MODS | 101.1 | 52 | Sn | 18:12:03.50 | -0.91 |
| | | | Pn | 18:11:51.98 | 0.17 |
| ABNA | 110.9 | 329 | Pn | 18:11:51.98 | 0.17 |
| | | | Sn | 12:04.95 | -1.63 |
| SMOL | 119.6 | 50 | Sn | 18:12:08.72 | 0.21 |
| | | | Pn | 18:11:56.18 | 0.85 |
| KRUC | 139.2 | 6 | Pn | 18:11:56.18 | 0.85 |
| | | | Sn | 12:12.69 | -0.17 |

1156.

2021-08-10 time: 7:06:21.20 UTC ML= 0.8
 lat: 48.437N lon: 19.553E h= 0.0 km
 erh= 2.1km erz= 702km
 nr= 6 gap=121 rms=0.41
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 53.4 | 277 | Pg | 7:06:31.15 | 0.42 |
| | | | Sg | 06:37.62 | -0.55 |
| PSZ | 63.1 | 156 | Sg | 7:06:40.97 | -0.28 |
| | | | Sg | 7:06:43.48 | 0.28 |
| LANS | 79.6 | 356 | Sg | 7:06:46.69 | 0.20 |
| | | | Sg | 7:06:59.57 | -0.59 |
| NIE | 122.6 | 27 | Sg | 7:06:59.57 | -0.59 |
| | | | Sg | 7:06:59.57 | -0.59 |

1157.

2021-08-10 time: 7:12:25.75 UTC ML= 1.2
 lat: 48.518N lon: 17.533E h= 0.0 km
 erh= 6.3km erz= 717km
 nr= 5 gap=284 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 7.7 | 267 | Pg | 7:12:26.82 | -0.30 |
| | | | Sg | 12:27.61 | -0.59 |
| MODS | 24.8 | 230 | Pg | 7:12:30.44 | 0.27 |
| | | | Sg | 12:33.85 | 0.23 |
| KRUC | 103.2 | 306 | Sg | 7:12:58.91 | 0.36 |
| | | | Sg | 7:12:58.91 | 0.36 |

Földrengés paraméterek

Hypocenter Parameters

1158.

 2021-08-10 time: 8:09:11.41 UTC ML= 1.1
 lat: 48.518N lon: 20.707E h= 0.0 km
 erh= 2.4km erz= 631km
 nr= 6 gap=138 rms=0.38
 Locality: Bódvaszilás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 16.8 | 257 | Pg | 8:09:13.65 | -0.76 |
| | | | Sg | 09:16.87 | 0.12 |
| ABAH | 46.5 | 122 | Pg | 8:09:19.98 | 0.26 |
| | | | Sg | 09:26.20 | 0.01 |
| PSZ | 89.9 | 222 | Sg | 8:09:40.26 | 0.27 |
| NIE | 104.3 | 344 | Pg | 8:09:30.22 | 0.19 |

1159.

 2021-08-10 time: 8:47:53.85 UTC ML= 1.5
 lat: 47.315N lon: 18.437E h= 0.0 km
 erh= 2.7km erz= 864km
 nr= 9 gap=114 rms=0.66
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.2 | 338 | PgU | 8:47:56.23 | 0.73 |
| | | | Sg | 47:56.78 | -0.01 |
| CSKK | 14.4 | 292 | Pg | 8:47:56.03 | -0.39 |
| | | | Sg | 47:57.53 | -0.89 |
| PKST | 31.1 | 258 | Pg | 8:48:00.20 | 0.80 |
| | | | Sg | 48:03.66 | -0.07 |
| MORH | 123.2 | 173 | Sg | 8:48:32.85 | -0.16 |
| PKSM | 123.6 | 173 | Sg | 8:48:32.90 | -0.24 |
| PSZ | 128.5 | 59 | Sg | 8:48:33.05 | -1.64 |

1160.

 2021-08-10 time: 9:03:16.18 UTC ML= 1.3
 lat: 47.539N lon: 18.683E h= 0.0 km
 erh= 2.1km erz= 2.1km
 nr= 16 gap=101 rms=0.74
 Locality: Mány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 26.1 | 108 | Sg | 9:03:25.29 | 0.81 |
| BUD | 26.4 | 103 | Sg | 9:03:24.37 | -0.20 |
| PKSG | 27.4 | 233 | Pg | 9:03:22.32 | 1.25 |
| | | | Sg | 03:25.20 | 0.31 |
| CSKK | 37.3 | 238 | Pg | 9:03:23.24 | 0.40 |
| | | | Sg | 03:28.61 | 0.57 |
| PENC | 53.0 | 58 | Pg | 9:03:25.94 | 0.30 |
| | | | Sg | 03:32.45 | -0.57 |
| PKST | 58.0 | 238 | Pg | 9:03:26.62 | 0.09 |
| | | | Sg | 03:34.35 | -0.26 |
| MPLH | 95.6 | 245 | Sg | 9:03:45.88 | -0.68 |
| PSZ | 100.2 | 65 | Sg | 9:03:46.98 | -1.06 |
| MODS | 140.1 | 311 | Sn | 9:03:58.44 | -1.36 |
| MORH | 147.1 | 181 | Sn | 9:04:00.05 | -1.29 |
| PKSM | 147.5 | 181 | Sn | 9:04:00.40 | -1.04 |
| KECS | 170.7 | 52 | Sn | 9:04:07.06 | 0.49 |

1161.

 2021-08-10 time: 9:40:00.30 UTC ML= 1.4
 lat: 46.049N lon: 22.100E h= 0.0 km
 erh= 2.8km erz= 890km
 nr= 8 gap=114 rms=0.63
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SIRR | 41.8 | 306 | Pg | 9:40:08.17 | 0.41 |
| | | | Sg | 40:12.74 | -0.85 |
| BZS | 61.0 | 218 | Pg | 9:40:11.94 | 0.75 |
| | | | Sg | 40:18.57 | -1.11 |
| GZR | 89.9 | 144 | Pg | 9:40:16.33 | -0.03 |
| | | | Sg | 40:28.11 | -0.77 |
| DRGR | 95.0 | 30 | Pg | 9:40:17.76 | 0.49 |
| | | | Sg | 40:29.82 | -0.68 |

1162.

 2021-08-10 time: 9:57:49.71 UTC ML= 1.0
 lat: 46.128N lon: 18.087E h= 0.0 km
 erh= 1.2km erz= 221km
 nr= 10 gap=190 rms=0.18
 Locality: Abaliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KOVH | 4.6 | 168 | PgU | 9:57:50.30 | -0.22 |
| | | | Sg | 57:51.15 | -0.01 |
| PKSV | 29.6 | 154 | Pg | 9:57:55.27 | 0.28 |
| | | | Sg | 57:58.79 | -0.31 |
| PKSM | 43.8 | 78 | Pg | 9:57:57.63 | 0.10 |
| | | | Sg | 58:03.56 | -0.06 |
| MORH | 44.1 | 77 | PgU | 9:57:57.63 | 0.05 |
| | | | Sg | 58:03.71 | -0.01 |
| PKB4 | 57.1 | 44 | Pg | 9:57:59.89 | -0.01 |
| PKST | 125.7 | 358 | Sg | 9:58:27.41 | -2.27* |

1163.

 2021-08-10 time: 9:58:54.64 UTC ML= 1.8
 lat: 48.799N lon: 21.666E h= 0.0 km
 erh= 1.5km erz= 2.6km
 nr= 11 gap=127 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOLS | 47.0 | 72 | Pg | 9:59:03.52 | 0.49 |
| | | | Sg | 59:09.42 | -0.16 |
| ABAH | 64.2 | 209 | Sg | 9:59:15.05 | 0.00 |
| KECS | 93.8 | 248 | Pg | 9:59:11.63 | 0.23 |
| | | | Sg | 59:22.47 | -1.99 |
| TRPA | 98.5 | 139 | Pg | 9:59:12.36 | 0.13 |
| | | | Sg | 59:25.28 | -0.67 |
| NIE | 120.4 | 305 | Pg | 9:59:15.77 | -0.38 |
| | | | Sg | 59:32.31 | -0.61 |
| PSZ | 163.8 | 233 | Sn | 9:59:44.17 | 0.65 |
| LANS | 165.6 | 284 | Sn | 9:59:44.77 | 0.85 |

1164.

 2021-08-10 time: 10:14:40.11 UTC ML= 1.5
 lat: 47.970N lon: 20.167E h= 0.0 km
 erh= 2.9km erz= 661km
 nr= 8 gap=188 rms=0.48
 Locality: Bükkszék
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 21.2 | 254 | Pg | 10:14:44.19 | 0.30 |
| | | | Sg | 14:46.50 | -0.34 |
| KECS | 61.7 | 23 | Sg | 10:14:59.88 | 0.15 |
| PENC | 69.2 | 253 | Sg | 10:15:02.06 | -0.04 |
| ABAH | 87.6 | 66 | Pg | 10:14:55.23 | -0.52 |
| | | | Sg | 15:08.89 | 0.93 |
| VYHS | 114.8 | 300 | Pg | 10:15:00.93 | 0.33 |
| | | | Sg | 15:15.70 | -0.89 |

Hypocenter Parameters

Földrengés paraméterek

1165.

2021-08-10 time: 12:31:24.11 UTC ML= 1.6
 lat: 48.421N lon: 17.211E h= 0.0 km
 erh= 1.9km erz= 514km
 nr= 7 gap=122 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| MODS | 7.2 | 137 | PgU | 12:31:25.18 | | | -0.22 |
| | | | Sg | | 31:26.46 | | 0.06 |
| SMOL | 19.2 | 57 | Pg | 12:31:26.90 | | | -0.63 |
| | | | Sg | | 31:30.77 | | 0.57 |
| ZST | 26.3 | 198 | Pg | 12:31:29.02 | | | 0.22 |
| | | | Sg | | 31:32.43 | | -0.02 |
| KRUC | 93.1 | 320 | Pg | 12:31:41.01 | | | 0.27 |

1166.

2021-08-10 time: 13:52:15.80 UTC ML= 1.9
 lat: 47.077N lon: 19.459E h= 0.0 km
 erh= 4.2km erz= 691km
 nr= 7 gap=194 rms=0.46
 Locality: Felsőlajos
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKS7 | 22.9 | 262 | Pg | 13:52:20.24 | | | 0.35 |
| | | | Sg | | 52:22.25 | | -0.83 |
| PKB1 | 60.3 | 237 | Pg | 13:52:27.29 | | | 0.72 |
| PENC | 80.5 | 350 | Pg | 13:52:30.53 | | | 0.36 |
| PSZ | 99.1 | 19 | Pg | 13:52:33.19 | | | -0.32 |
| MORH | 114.2 | 213 | Pg | 13:52:35.85 | | | -0.36 |
| PKSM | 114.7 | 213 | Pg | 13:52:35.95 | | | -0.34 |

1167.

2021-08-10 time: 14:19:28.15 UTC ML= 1.7
 lat: 47.047N lon: 19.468E h= 0.0 km
 erh= 3.1km erz= 649km
 nr= 9 gap=196 rms=0.48
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKS7 | 23.4 | 270 | Pg | 14:19:33.00 | | | 0.67 |
| | | | Sg | | 19:35.16 | | -0.42 |
| PENC | 83.9 | 350 | Pg | 14:19:42.74 | | | -0.40 |
| PSZ | 102.1 | 18 | Pg | 14:19:45.86 | | | -0.53 |
| | | | Sg | | 20:01.77 | | 1.16 |
| MORH | 111.9 | 214 | Pg | 14:19:48.22 | | | 0.09 |
| | | | Sg | | 20:03.58 | | -0.13 |
| PKSM | 112.3 | 214 | Pg | 14:19:48.47 | | | 0.25 |
| | | | Sg | | 20:03.48 | | -0.39 |

1168.

2021-08-10 time: 14:57:09.04 UTC ML= 0.9
 lat: 47.581N lon: 16.366E h= 0.0 km
 erh= 3.0km erz= 438km
 nr= 7 gap=264 rms=0.29
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 14.2 | 338 | PgU | 14:57:11.62 | | | 0.04 |
| | | | Sg | | 57:13.77 | | 0.20 |
| SOP | 18.4 | 52 | Pg | 14:57:12.16 | | | -0.17 |
| | | | Sg | | 57:15.39 | | 0.49 |
| CONA | 54.1 | 316 | Pg | 14:57:18.89 | | | 0.19 |
| | | | Sg | | 57:25.91 | | -0.32 |
| MODS | 111.4 | 38 | Sg | 14:57:43.76 | | | -0.69 |

1169.

2021-08-11 time: 6:28:38.27 UTC ML= 1.4
 lat: 45.963N lon: 22.867E h= 0.0 km
 erh= 3.7km erz= 884km
 nr= 8 gap=170 rms=0.63
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DEV | 9.3 | 162 | PgU | 6:28:40.14 | | | 0.21 |
| | | | Sg | | 28:40.51 | | -0.72 |
| GZR | 63.7 | 186 | Pg | 6:28:49.89 | | | 0.24 |
| | | | Sg | | 28:57.97 | | -0.55 |
| DRGR | 92.9 | 353 | Pg | 6:28:55.12 | | | 0.26 |
| | | | Sg | | 29:07.06 | | -0.74 |
| BZS | 104.5 | 248 | Pg | 6:28:57.74 | | | 0.80 |
| | | | Sg | | 29:09.79 | | -1.71 |

1170.

2021-08-11 time: 6:55:28.37 UTC ML= 1.5
 lat: 46.028N lon: 22.826E h= 0.0 km
 erh= 2.0km erz= 3.4km
 nr= 10 gap=117 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DEV | 17.2 | 160 | Pg | 6:55:31.58 | | | 0.15 |
| | | | Sg | | 55:34.09 | | 0.27 |
| GZR | 70.7 | 183 | Pg | 6:55:41.02 | | | 0.04 |
| | | | Sg | | 55:49.65 | | -1.18 |
| DRGR | 85.3 | 354 | Pg | 6:55:43.63 | | | 0.02 |
| | | | Sg | | 55:54.87 | | -0.62 |
| SIRR | 94.0 | 286 | Pg | 6:55:45.74 | | | 0.59 |
| | | | Sg | | 55:57.79 | | -0.45 |
| VOIR | 185.1 | 111 | Pn | 6:55:58.49 | | | 0.01 |
| | | | Sn | | 56:21.69 | | -0.28 |

1171.

2021-08-11 time: 7:34:00.65 UTC ML= 1.4
 lat: 46.068N lon: 22.788E h= 0.0 km
 erh= 3.2km erz= 6.7km
 nr= 8 gap=115 rms=0.76
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DEV | 22.3 | 156 | Pg | 7:34:05.31 | | | 0.67 |
| | | | Sg | | 34:08.23 | | 0.48 |
| GZR | 74.9 | 181 | Pg | 7:34:14.45 | | | 0.41 |
| | | | Sg | | 34:23.59 | | -0.88 |
| DRGR | 80.7 | 356 | Sg | 7:34:27.00 | | | 0.69 |
| CJR | 95.0 | 41 | Sg | 7:34:30.12 | | | -0.74 |
| BZS | 103.9 | 241 | Sg | 7:34:32.43 | | | -1.25 |
| VOIR | 189.4 | 112 | Sn | 7:34:54.02 | | | -1.19 |

1172.

2021-08-11 time: 8:21:48.12 UTC ML= 1.7
 lat: 46.869N lon: 17.384E h= 0.0 km
 erh= 1.7km erz= 747km
 nr= 17 gap=138 rms=0.65
 Locality: Lesencetomaj
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| MPLH | 35.4 | 19 | Pg | 8:21:53.75 | | | -0.70 |
| | | | Sg | | 21:58.47 | | -0.92 |
| BEHE | 64.3 | 226 | Pg | 8:22:00.00 | | | 0.39 |
| | | | Sg | | 22:07.63 | | -0.95 |
| PKST | 65.7 | 49 | Pg | 8:21:59.64 | | | -0.21 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | Sg | 22:09.23 | 0.23 | |
| CSKK | 86.2 | 50 | Pg | 8:22:04.15 | 0.63 |
| | | Sg | 22:15.35 | -0.18 | |
| PKSG | 95.9 | 53 | Sg | 8:22:19.98 | 1.36 |
| KOGS | 98.6 | 242 | Pg | 8:22:05.74 | 0.01 |
| | | Sg | 22:20.04 | 0.57 | |
| KOVH | 102.8 | 148 | Pg | 8:22:06.92 | 0.44 |
| | | Sg | 22:20.24 | -0.55 | |
| MORH | 120.9 | 127 | Pg | 8:22:10.90 | 1.18 |
| | | Sg | 22:25.71 | -0.85 | |
| PKSM | 121.0 | 127 | Pg | 8:22:09.19 | -0.55 |
| | | Sg | 22:25.88 | -0.71 | |

1173.

2021-08-11 time: 9:16:08.24 UTC ML= 1.0
 lat: 47.183N lon: 18.279E h= 0.0 km
 erh= 2.6km erz= 5.0km
 nr= 11 gap=145 rms=0.86
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 20.1 | 356 | Pg | 9:16:11.30 | -0.52 |
| | | | Sg | 16:13.91 | -0.71 |
| PKST | 20.4 | 294 | Pg | 9:16:12.41 | 0.53 |
| | | | Sg | 16:14.82 | 0.11 |
| PKSG | 24.7 | 20 | Pg | 9:16:14.01 | 1.36 |
| | | | Sg | 16:17.17 | 1.08 |
| MORH | 111.1 | 165 | Sg | 9:16:42.88 | -0.68 |
| PKSM | 111.5 | 166 | Sg | 9:16:43.74 | 0.06 |
| KOVH | 122.5 | 186 | Sg | 9:16:46.87 | -0.30 |
| VYHS | 151.6 | 16 | Pn | 9:16:33.31 | -0.87 |
| | | | Sn | 16:51.79 | -2.62 |

1174.

2021-08-11 time: 10:00:08.90 UTC ML= 1.5
 lat: 46.032N lon: 22.837E h= 0.0 km
 erh= 2.8km erz= 5.5km
 nr= 11 gap=118 rms=0.79
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 17.3 | 163 | Pg | 10:00:12.41 | 0.42 |
| | | | Sg | 00:14.72 | 0.32 |
| GZR | 71.1 | 184 | Pg | 10:00:21.75 | 0.15 |
| | | | Sg | 00:31.08 | -0.43 |
| DRGR | 85.0 | 353 | Pg | 10:00:25.50 | 1.42 |
| | | | Sg | 00:34.44 | -1.49 |
| SIRR | 94.6 | 286 | Sg | 10:00:38.96 | -0.02 |
| BZS | 105.4 | 244 | Pg | 10:00:27.71 | -0.02 |
| | | | Sg | 00:40.87 | -1.55 |
| VOIR | 184.5 | 111 | Pn | 10:00:38.62 | -0.32 |
| | | | Sn | 01:01.31 | -1.06 |

1175.

2021-08-11 time: 10:02:09.82 UTC ML= 1.7
 lat: 48.321N lon: 18.202E h= 0.0 km
 erh= 2.4km erz= 2.7km
 nr= 14 gap=103 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 50.7 | 68 | Pg | 10:02:19.65 | 0.77 |
| | | | Sg | 02:25.73 | -0.22 |
| MODS | 68.8 | 275 | Pg | 10:02:22.36 | 0.25 |
| | | | Sg | 02:30.95 | -0.74 |
| ZST | 82.8 | 260 | Sg | 10:02:35.57 | -0.58 |
| PENC | 99.8 | 126 | Sg | 10:02:40.78 | -0.75 |
| PKST | 118.7 | 186 | Sg | 10:02:46.86 | -0.70 |
| LANS | 131.1 | 45 | Pn | 10:02:33.29 | 0.09 |

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sn | 02:50.71 | -0.73 | |
| PSZ | 133.7 | 110 | Pn | 10:02:34.13 | 0.60 |
| | | Sn | 02:49.82 | -2.20 | |
| KRUC | 156.5 | 302 | Sn | 10:02:55.99 | -1.09 |
| RONA | 158.1 | 244 | Pn | 10:02:37.57 | 1.00 |
| | | Sn | 02:58.22 | 0.79 | |

1176.

2021-08-11 time: 11:24:17.92 UTC ML= 1.6
 lat: 48.344N lon: 19.857E h= 0.0 km
 erh= 2.1km erz= 5.1km
 nr= 12 gap=122 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.0 | 72 | Pg | 11:24:27.47 | 0.80 |
| | | | Sg | 24:33.45 | -0.05 |
| PENC | 75.0 | 215 | Sg | 11:24:41.10 | -0.66 |
| VYHS | 77.4 | 282 | Pg | 11:24:32.45 | 0.71 |
| | | | Sg | 24:41.89 | -0.63 |
| LANS | 94.2 | 342 | Sg | 11:24:47.61 | -0.24 |
| ABAH | 102.7 | 93 | Pg | 11:24:36.56 | 0.31 |
| | | | Sg | 24:49.52 | -1.03 |
| A338 | 117.7 | 252 | Sg | 11:24:55.16 | -0.17 |
| NIE | 124.1 | 16 | Pg | 11:24:39.88 | -0.20 |
| | | | Sg | 24:55.36 | -2.01 |
| PKST | 182.2 | 229 | Sn | 11:25:11.13 | 0.26 |

1177.

2021-08-11 time: 11:58:46.11 UTC ML= 1.6
 lat: 46.319N lon: 22.965E h= 0.0 km
 erh= 4.4km erz= 985km
 nr= 8 gap=208 rms=0.74
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 56.0 | 340 | Pg | 11:58:56.38 | 0.28 |
| | | | Sg | 59:02.61 | -1.29 |
| SIRR | 100.7 | 267 | Pg | 11:59:03.41 | -0.68 |
| | | | Sg | 59:19.07 | 0.95 |
| GZR | 104.0 | 188 | Pg | 11:59:05.22 | 0.55 |
| | | | Sg | 59:18.07 | -1.08 |
| BZS | 130.4 | 233 | Pg | 11:59:09.43 | 0.03 |
| | | | Sg | 59:28.71 | 1.14 |

1178.

2021-08-11 time: 13:59:52.73 UTC ML= 1.6
 lat: 47.067N lon: 19.450E h= 0.0 km
 erh= 4.0km erz= 741km
 nr= 8 gap=194 rms=0.53
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.1 | 264 | Pg | 13:59:57.29 | 0.62 |
| | | | Sg | 59:59.30 | -0.45 |
| PKB5 | 75.6 | 226 | Pg | 13:60:06.98 | 0.74 |
| | | | Sg | 60:16.37 | -0.40 |
| PSZ | 100.4 | 19 | Pg | 13:60:10.30 | -0.36 |
| MORH | 112.9 | 213 | Pg | 13:60:13.01 | 0.11 |
| PKSM | 113.4 | 213 | Pg | 13:60:12.76 | -0.23 |
| | | | Sg | 60:27.67 | -1.12 |

Hypocenter Parameters

Földrengés paraméterek

1179.

2021-08-11 time: 14:43:09.56 UTC ML= 1.8
 lat: 47.053N lon: 19.448E h= 0.0 km
 erh= 4.0km erz= 918km
 nr= 13 gap=194 rms=0.77
 Locality: Ladánybene
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------------|
| PKS7 | 21.9 | 268 | Pg | 14:43:13.59 | | | 0.12 |
| | | | Sg | | 43:15.95 | | -0.56 |
| PKB5 | 74.5 | 227 | Pg | 14:43:24.08 | | | 1.21 |
| | | | Sg | | 43:34.27 | | 1.03 |
| PENC | 83.0 | 351 | Pg | 14:43:24.83 | | | 0.45 |
| | | | Sg | | 43:35.43 | | -0.51 |
| PSZ | 101.9 | 19 | Pg | 14:43:27.44 | | | -0.33 |
| | | | Sg | | 43:41.05 | | -0.91 |
| PKS9 | 103.2 | 240 | Pg | 14:43:27.90 | | | -0.09 |
| | | | MORH | 111.6 | 213 | Pg | 14:43:29.70 |
| PKSM | 112.1 | 213 | Sg | | 43:43.11 | | -1.92 |
| | | | Pg | 14:43:29.85 | | | 0.27 |
| | | | Sg | | 43:42.91 | | -2.28 |

1180.

2021-08-12 time: 8:10:09.03 UTC ML= 1.5
 lat: 48.598N lon: 20.742E h= 0.0 km
 erh= 2.3km erz= 4.1km
 nr= 12 gap= 91 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|----------|-------|------------|----------|-----|------------|
| KECS | 22.8 | 236 | Pg | 8:10:13.79 | | | 0.68 |
| | | | Sg | | 10:16.50 | | 0.22 |
| ABAH | 49.8 | 132 | Pg | 8:10:18.51 | | | 0.59 |
| | | | Sg | | 10:23.07 | | -1.79 |
| NIE | 96.6 | 341 | Sg | 8:10:38.84 | | | -0.89 |
| | | | PSZ | 98.3 | 220 | Pg | 8:10:26.85 |
| Sg | | 10:39.32 | | | | | -0.96 |
| LANS | 111.9 | 303 | Pg | 8:10:29.53 | | | 0.52 |
| | | | Sg | | 10:43.53 | | -1.07 |
| KOLS | 118.6 | 72 | Sg | 8:10:47.00 | | | 0.27 |
| | | | VYHS | 141.2 | 265 | Pn | 8:10:33.79 |
| Sg | | 10:51.85 | | | | | -1.04 |

1181.

2021-08-12 time: 8:11:55.23 UTC ML= 2.0
 lat: 48.248N lon: 21.268E h= 0.0 km
 erh= 1.5km erz= 2.1km
 nr= 15 gap=118 rms=0.57
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|----------|-------|------------|----------|-----|------------|
| ABAH | 5.8 | 338 | Pg | 8:11:55.88 | | | -0.39 |
| | | | Sg | | 11:57.28 | | 0.20 |
| KECS | 63.6 | 294 | Pg | 8:12:06.32 | | | -0.28 |
| | | | Sg | | 12:14.46 | | -1.00 |
| TRPA | 95.4 | 98 | Pg | 8:12:11.94 | | | -0.32 |
| | | | Sg | | 12:25.30 | | -0.25 |
| KOLS | 106.3 | 44 | Pg | 8:12:14.35 | | | 0.13 |
| | | | Sg | | 12:29.02 | | -0.01 |
| PSZ | 108.7 | 250 | Pg | 8:12:14.96 | | | 0.32 |
| | | | Sg | | 12:28.51 | | -1.28 |
| BSZH | 129.4 | 215 | Sg | 8:12:37.35 | | | 0.99 |
| | | | NIE | 147.9 | 332 | Pn | 8:12:21.99 |
| Sg | | 12:41.07 | | | | | 0.48 |
| LANS | 166.3 | 307 | Sg | 8:12:44.98 | | | 0.32 |
| | | | VYHS | 182.3 | 279 | Sg | 8:12:48.55 |

1182.

2021-08-12 time: 8:33:25.17 UTC ML= 1.7
 lat: 48.282N lon: 19.883E h= 0.0 km
 erh= 2.4km erz= 6.4km
 nr= 13 gap= 90 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|------------|
| PSZ | 40.5 | 179 | Pg | 8:33:32.27 | | | -0.12 |
| | | | Sg | | 33:37.65 | | -0.38 |
| KECS | 49.9 | 63 | Pg | 8:33:34.84 | | | 0.76 |
| | | | Sg | | 33:41.27 | | 0.24 |
| PENC | 70.7 | 219 | Pg | 8:33:38.66 | | | 0.86 |
| | | | Sg | | 33:47.13 | | -0.52 |
| VYHS | 81.1 | 287 | Pg | 8:33:40.46 | | | 0.81 |
| | | | Sg | | 33:49.50 | | -1.44 |
| ABAH | 100.6 | 89 | Pg | 8:33:43.28 | | | 0.14 |
| | | | Sg | | 33:56.07 | | -1.09 |
| A338 | 117.7 | 255 | Sg | 8:34:00.29 | | | -2.30 |
| | | | NIE | 130.3 | 14 | Sg | 8:34:05.41 |
| PKST | 179.3 | 231 | | | | Sn | 8:34:17.88 |

1183.

2021-08-12 time: 9:02:50.20 UTC ML= 1.7
 lat: 47.879N lon: 19.096E h= 0.0 km
 erh= 1.6km erz= 550km
 nr= 10 gap=115 rms=0.44
 Locality: Berkenye
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|------------|
| PENC | 17.0 | 125 | Pg | 9:02:53.26 | | | 0.02 |
| | | | Sg | | 02:55.68 | | 0.07 |
| PSZ | 59.8 | 86 | Pg | 9:03:01.10 | | | 0.21 |
| | | | Sg | | 03:09.12 | | -0.10 |
| VYHS | 71.1 | 344 | Sg | 9:03:12.93 | | | 0.13 |
| | | | PKSG | 75.8 | 224 | Sg | 9:03:13.44 |
| PKST | 105.5 | 229 | | | | Pg | 9:03:09.63 |
| | | | Sg | | 03:23.18 | | -0.57 |
| KECS | 123.2 | 57 | Pg | 9:03:12.21 | | | 0.00 |
| | | | Sg | | 03:27.18 | | -2.20 |

1184.

2021-08-12 time: 13:42:20.02 UTC ML= 2.0
 lat: 47.121N lon: 19.323E h= 0.0 km
 erh= 3.9km erz= 993km
 nr= 14 gap=121 rms=0.84
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|----------|-------|-------------|----------|-----|-------------|
| PKS7 | 14.8 | 236 | Pg | 13:42:22.88 | | | 0.22 |
| | | | Sg | | 42:25.68 | | 0.96 |
| PKSN | 48.3 | 121 | Pg | 13:42:29.84 | | | 1.19 |
| | | | PKB1 | 55.1 | 227 | Pg | 13:42:29.87 |
| PKB5 | 73.7 | 217 | | | | Pg | 13:42:34.10 |
| | | | Sg | | 42:44.21 | | 0.77 |
| PENC | 74.5 | 358 | Pg | 13:42:34.22 | | | 0.91 |
| | | | PSZ | 98.5 | 26 | Pg | 13:42:37.11 |
| Sg | | 42:49.96 | | | | | -1.37 |
| PKS9 | 99.3 | 233 | Pg | 13:42:37.18 | | | -0.58 |
| | | | MORH | 113.3 | 207 | Pg | 13:42:39.71 |
| Sg | | 42:54.52 | | | | | -1.50 |
| PKSM | 113.8 | 207 | Pg | 13:42:39.74 | | | -0.59 |
| | | | Sg | | 42:54.52 | | -1.66 |

Földrengés paraméterek

Hypocenter Parameters

1185.

 2021-08-12 time: 18:12:58.11 UTC ML= 1.3
 lat: 47.619N lon: 16.373E h= 0.0 km
 erh= 2.2km erz= 358km
 nr= 9 gap=249 rms=0.27
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 10.6 | 327 | PgU | 18:12:59.89 | -0.11 |
| | | | Sg | 13:01.92 | 0.44 |
| SOP | 15.6 | 63 | Pg | 18:13:00.92 | 0.02 |
| | | | Sg | 13:03.73 | 0.65 |
| CONA | 51.4 | 312 | Pg | 18:13:07.24 | -0.06 |
| | | | Sg | 13:14.37 | -0.09 |
| MODS | 107.7 | 39 | Pg | 18:13:17.48 | 0.15 |
| | | | Sg | 13:31.94 | -0.39 |
| SMOL | 126.8 | 38 | Sg | 18:13:37.87 | -0.55 |

1186.

 2021-08-13 time: 6:35:37.79 UTC ML= 1.3
 lat: 47.310N lon: 18.269E h= 0.0 km
 erh= 2.1km erz= 2.5km
 nr= 13 gap=106 rms=0.93
 Locality: Fehérvárcsurgó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 6.0 | 354 | Pg | 6:35:38.90 | 0.04 |
| | | | Sg | 35:39.95 | 0.26 |
| PKSG | 13.0 | 45 | PgU | 6:35:40.98 | 0.87 |
| | | | Sg | 35:43.02 | 1.11 |
| PKST | 18.6 | 252 | Pg | 6:35:41.79 | 0.68 |
| | | | Sg | 35:45.17 | 1.47 |
| MORH | 125.0 | 167 | Sg | 6:36:16.49 | -1.02 |
| PKSM | 125.3 | 167 | Sg | 6:36:16.49 | -1.14 |
| KOVH | 136.4 | 185 | Sn | 6:36:20.01 | -0.57 |
| VYHS | 138.3 | 18 | Pn | 6:36:01.58 | -0.49 |
| | | | Sn | 36:19.41 | -1.60 |
| MODS | 139.6 | 328 | Sn | 6:36:18.90 | -2.40 |
| PSZ | 139.7 | 61 | Sn | 6:36:20.71 | -0.61 |

1187.

 2021-08-13 time: 7:10:45.21 UTC ML= 1.5
 lat: 48.663N lon: 17.435E h= 0.0 km
 erh= 8.2km erz= 5.1km
 nr= 9 gap=178 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 16.6 | 182 | PgU | 7:10:48.82 | 0.65 |
| | | | Sg | 10:49.54 | -0.94 |
| MODS | 34.2 | 200 | Pg | 7:10:52.25 | 0.94 |
| | | | Sg | 10:55.92 | -0.16 |
| ZST | 57.4 | 205 | Sg | 7:11:02.85 | -0.61 |
| MORC | 124.1 | 4 | Sg | 7:11:23.73 | -0.93 |
| RONA | 136.5 | 218 | Pn | 7:11:08.82 | -0.44 |
| | | | Sn | 11:27.60 | -0.43 |
| CONA | 142.5 | 235 | Sn | 7:11:29.91 | 0.56 |

1188.

 2021-08-13 time: 7:15:10.89 UTC ML= 1.1
 lat: 48.085N lon: 20.680E h= 0.0 km
 erh= 3.2km erz= 906km
 nr= 7 gap=139 rms=0.60
 Locality: Bükkzentlászló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 46.5 | 342 | Pg | 7:15:19.94 | 0.74 |
| | | | Sg | 15:25.86 | 0.19 |
| ABAH | 47.8 | 61 | Pg | 7:15:18.94 | -0.48 |
| | | | Sg | 15:25.71 | -0.37 |
| PSZ | 61.5 | 252 | Pg | 7:15:21.79 | -0.08 |
| | | | Sg | 15:29.27 | -1.16 |
| BSZH | 92.7 | 200 | Sg | 7:15:41.21 | 0.86 |

1189.

 2021-08-13 time: 7:32:13.93 UTC ML= 0.7
 lat: 48.514N lon: 19.350E h= 0.0 km
 erh= 3.1km erz= 922km
 nr= 5 gap=118 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| VYHS | 38.0 | 267 | Pg | 7:32:21.23 | 0.50 |
| | | | Sg | 32:25.49 | -0.54 |
| LANS | 71.3 | 7 | Sg | 7:32:36.13 | -0.45 |
| PSZ | 77.7 | 149 | Sg | 7:32:38.41 | -0.21 |
| KECS | 84.0 | 92 | Sg | 7:32:40.82 | 0.19 |

1190.

 2021-08-13 time: 8:13:33.91 UTC ML= 1.6
 lat: 46.119N lon: 21.719E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 9 gap=156 rms=0.78
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 17.2 | 344 | Pg | 8:13:37.05 | 0.08 |
| | | | Sg | 13:40.06 | 0.70 |
| BZS | 56.4 | 188 | Pg | 8:13:43.48 | -0.50 |
| | | | Sg | 13:50.71 | -1.12 |
| DEV | 95.4 | 106 | Sg | 8:14:04.51 | 0.29 |
| DRGR | 106.8 | 46 | Pg | 8:13:53.42 | 0.45 |
| | | | Sg | 14:06.27 | -1.57 |
| GZR | 115.2 | 134 | Pg | 8:13:55.63 | 1.15 |
| | | | Sg | 14:09.74 | -0.78 |

1191.

 2021-08-13 time: 8:17:26.34 UTC ML= 1.2
 lat: 46.126N lon: 18.051E h= 0.0 km
 erh= 0.9km erz= 196km
 nr= 10 gap=210 rms=0.15
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KOVH | 5.6 | 138 | PgU | 8:17:27.42 | 0.08 |
| | | | Sg | 17:28.45 | 0.33 |
| PKSV | 30.6 | 149 | PgU | 8:17:31.71 | -0.10 |
| | | | Sg | 17:35.81 | -0.26 |
| PKSM | 46.6 | 78 | Pg | 8:17:34.63 | -0.03 |
| | | | Sg | 17:41.03 | -0.12 |
| MORH | 46.9 | 78 | Pg | 8:17:34.83 | 0.12 |
| | | | Sg | 17:41.16 | -0.09 |
| PKS9 | 54.2 | 19 | Pg | 8:17:36.03 | 0.01 |
| PKST | 126.0 | 359 | Sg | 8:18:03.70 | -2.68* |

1192.

 2021-08-13 time: 8:23:14.37 UTC ML= 1.9
 lat: 45.509N lon: 17.972E h= 1.7 km
 erh= 3.0km erz= 1.6km
 nr= 12 gap=335 rms=0.28
 Locality: Croatia
 Comments:

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSV | 47.5 | 27 | Pg | 8:23:23.00 | | | 0.14 |
| | | | Sg | 23:28.93 | | | -0.55 |
| KOVH | 65.2 | 9 | Pg | 8:23:25.92 | | | -0.09 |
| | | | Sg | 23:35.45 | | | 0.35 |
| PKSM | 93.9 | 34 | Pg | 8:23:31.04 | | | -0.09 |
| | | | Sg | 23:44.70 | | | 0.49 |
| MORH | 94.4 | 34 | Pg | 8:23:30.94 | | | -0.28 |
| | | | Sg | 23:44.29 | | | -0.08 |
| PKB4 | 120.2 | 24 | Pg | 8:23:35.75 | | | -0.08 |
| | | | Sg | 23:52.43 | | | -0.15 |
| PKB5 | 134.4 | 26 | Sn | 8:23:56.34 | | | 0.01 |
| PKB1 | 155.3 | 24 | Pn | 8:23:41.18 | | | 0.63 |

1193.

2021-08-13 time: 9:52:18.07 UTC ML= 1.6
 lat: 46.804N lon: 17.210E h= 0.0 km
 erh= 2.6km erz= 4.5km
 nr= 17 gap=101 rms=1.13
 Locality: Cserszegtomaj
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| MPLH | 47.8 | 32 | Pg | 9:52:26.69 | | | 0.09 |
| | | | Sg | 52:34.12 | | | 0.87 |
| BEHE | 49.9 | 222 | Sg | 9:52:35.83 | | | 1.91 |
| PKST | 80.5 | 51 | Pg | 9:52:32.32 | | | -0.12 |
| | | | Sg | 52:43.17 | | | -0.48 |
| KOGS | 83.5 | 242 | Sg | 9:52:45.57 | | | 0.96 |
| PKSG | 110.9 | 54 | Sg | 9:52:54.52 | | | 1.21 |
| PKB4 | 112.0 | 108 | Sg | 9:52:54.00 | | | 0.32 |
| RONA | 121.2 | 325 | Pg | 9:52:40.04 | | | 0.33 |
| | | | Sg | 52:55.51 | | | -1.09 |
| MORH | 128.0 | 121 | Sg | 9:52:57.21 | | | -1.55 |
| PKSM | 128.1 | 121 | Pg | 9:52:40.55 | | | -0.39 |
| | | | Sg | 52:56.81 | | | -1.96 |
| GROS | 136.3 | 254 | Sn | 9:52:59.62 | | | -1.22 |
| ARSA | 137.5 | 291 | Sn | 9:52:58.92 | | | -2.19 |
| PERS | 161.2 | 263 | Pn | 9:52:47.57 | | | 2.37 |
| | | | Sn | 53:05.25 | | | -1.11 |

1194.

2021-08-13 time: 10:00:29.72 UTC ML= 1.8
 lat: 48.146N lon: 18.956E h= 0.0 km
 erh= 3.0km erz= ***km
 nr= 12 gap= 85 rms=1.00
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| VYHS | 39.7 | 347 | Sg | 10:00:43.15 | | | 0.80 |
| PENC | 46.4 | 148 | Pg | 10:00:39.46 | | | 1.46 |
| | | | Sg | 00:44.55 | | | 0.09 |
| SRO | 60.6 | 232 | Sg | 10:00:49.46 | | | 0.49 |
| PSZ | 74.4 | 110 | Pg | 10:00:43.58 | | | 0.57 |
| | | | Sg | 00:52.38 | | | -0.99 |
| CSKK | 101.4 | 211 | Pg | 10:00:48.45 | | | 0.61 |
| | | | Sg | 01:01.37 | | | -0.60 |
| KECS | 119.5 | 72 | Pg | 10:00:50.61 | | | -0.45 |
| | | | Sg | 01:06.07 | | | -1.63 |
| PKST | 120.4 | 215 | Sg | 10:01:06.39 | | | -1.61 |
| MODS | 127.2 | 281 | Sg | 10:01:08.18 | | | -1.98 |

1195.

2021-08-13 time: 10:09:51.87 UTC ML= 1.2
 lat: 47.590N lon: 18.395E h= 0.0 km
 erh= 2.5km erz= 4.7km
 nr= 14 gap=100 rms=1.02
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSG | 22.0 | 181 | Pg | 10:09:56.84 | | | 1.04 |
| | | | Sg | 09:59.96 | | | 1.09 |
| CSKK | 27.2 | 202 | Pg | 10:09:56.79 | | | 0.07 |
| | | | Sg | 10:00.21 | | | -0.29 |
| PKST | 45.7 | 216 | Pg | 10:10:00.91 | | | 0.88 |
| | | | Sg | 10:06.08 | | | -0.32 |
| PENC | 70.2 | 71 | Sg | 10:10:14.41 | | | 0.22 |
| VYHS | 105.8 | 18 | Pg | 10:10:11.55 | | | 0.79 |
| | | | Sg | 10:23.66 | | | -1.83 |
| PKB5 | 113.6 | 167 | Sg | 10:10:26.45 | | | -1.52 |
| PSZ | 118.3 | 72 | Sg | 10:10:29.54 | | | 0.08 |
| MODS | 120.6 | 316 | Sg | 10:10:29.18 | | | -1.03 |
| MORH | 153.9 | 173 | Sn | 10:10:36.06 | | | -2.49 |
| PKSM | 154.3 | 173 | Sn | 10:10:36.76 | | | -1.88 |

1196.

2021-08-13 time: 12:16:59.77 UTC ML= 1.9
 lat: 48.629N lon: 22.372E h= 0.0 km
 erh= 1.5km erz= 1.6km
 nr= 12 gap=154 rms=0.44
 Locality: Ukraine
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KOLS | 34.6 | 348 | Pg | 12:17:06.01 | | | 0.06 |
| | | | Sg | 17:11.03 | | | 0.27 |
| TRPA | 56.8 | 167 | Pg | 12:17:10.23 | | | 0.31 |
| | | | Sg | 17:17.60 | | | -0.24 |
| ABAH | 91.6 | 246 | Pg | 12:17:16.25 | | | 0.13 |
| | | | Sg | 17:28.74 | | | -0.14 |
| BMR | 135.3 | 142 | Sn | 12:17:41.44 | | | -0.89 |
| KECS | 140.2 | 263 | Sn | 12:17:40.99 | | | -2.42 |
| NIE | 174.3 | 300 | Sn | 12:17:50.89 | | | -0.09 |
| PSZ | 200.2 | 247 | Sn | 12:17:56.51 | | | -0.21 |
| DRGR | 205.9 | 173 | Pn | 12:17:32.27 | | | -0.21 |
| | | | Sn | 17:59.73 | | | 1.74 |

1197.

2021-08-13 time: 13:16:25.92 UTC ML= 1.4
 lat: 48.359N lon: 21.777E h= 12.8 km
 erh= 2.2km erz= 2.4km
 nr= 9 gap=112 rms=0.47
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ABAH | 40.5 | 260 | Pg | 13:16:33.54 | | | 0.05 |
| | | | Sg | 16:39.06 | | | -0.34 |
| TRPA | 62.1 | 114 | Pg | 13:16:37.73 | | | 0.50 |
| | | | Sg | 16:45.31 | | | -0.75 |
| KOLS | 73.6 | 30 | Pg | 13:16:39.56 | | | 0.31 |
| | | | Sg | 16:48.60 | | | -1.06 |
| KECS | 96.6 | 278 | P* | 13:16:43.51 | | | 0.35 |
| | | | S* | 16:56.42 | | | -0.19 |
| DRGR | 187.9 | 158 | Sn | 13:17:16.50 | | | -0.74 |

1198.

2021-08-15 time: 2:10:56.21 UTC ML= 2.0
 lat: 45.956N lon: 16.019E h= 5.4 km
 erh= 1.9km erz= 1.8km
 nr= 46 gap= 61 rms=1.07
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PTJ | 7.9 | 217 | PgU | 2:10:58.00 | | | 0.09 |
| | | | Sg | 10:59.38 | | | 0.14 |
| ZAG | 14.3 | 188 | Pg | 2:10:58.75 | | | -0.19 |
| | | | Sg | 11:00.69 | | | -0.38 |
| GOLS | 31.2 | 281 | iPg | 2:11:02.63 | | | 0.77 |
| GCIS | 32.0 | 252 | iPgD | 2:11:02.19 | | | 0.19 |

Földrengés paraméterek

Hypocenter Parameters

| | | | |
|----------------|-----|------------|--------|
| | iSg | 11:06.51 | -0.01 |
| CESS 43.1 273 | iPg | 2:11:04.67 | 0.69 |
| CRES 46.0 252 | Pg | 2:11:04.51 | 0.03 |
| | Sg | 11:10.04 | -0.89 |
| DOBS 47.7 297 | iPg | 2:11:05.41 | 0.63 |
| | eSg | 11:12.18 | 0.72 |
| KOGS 57.5 18 | Pg | 2:11:06.42 | -0.11 |
| | Sg | 11:14.16 | -0.41 |
| GROS 68.9 325 | Pg | 2:11:08.68 | 0.13 |
| | Sg | 11:17.47 | -0.70 |
| BEHE 81.7 46 | Pg | 2:11:10.69 | -0.14 |
| | Sg | 11:22.00 | -0.22 |
| PERS 102.7 317 | Pg | 2:11:14.31 | -0.26 |
| | Sg | 11:27.41 | -1.48 |
| SOKA 110.5 317 | Pg | 2:11:15.73 | -0.24 |
| | Sg | 11:28.67 | -2.71 |
| OBKA 129.0 298 | Pn | 2:11:18.54 | -0.10 |
| | Sn | 11:34.75 | -1.38 |
| ARSA 148.8 345 | Pn | 2:11:21.23 | 0.12 |
| | Sn | 11:39.98 | -0.54 |
| KOVH 161.8 85 | Pn | 2:11:19.84 | -2.88 |
| | Sn | 11:41.54 | -1.86 |
| BLY 162.3 146 | Pn | 2:11:20.88 | -1.91 |
| | Sn | 11:40.69 | -2.83 |
| TRI 177.4 261 | Pn | 2:11:25.57 | 0.90 |
| | Sn | 11:48.57 | 1.71 |
| MPLH 178.3 41 | Pn | 2:11:26.33 | 1.55 |
| RONA 195.0 6 | Pn | 2:11:27.33 | 0.47 |
| | Sn | 11:54.90 | 4.13 |
| SOP 196.4 12 | Pn | 2:11:30.22 | 3.19 |
| PKSM 204.8 82 | Pn | 2:11:30.35 | 2.26 |
| | Sn | 11:55.08 | 2.13 |
| MORH 205.1 82 | Sn | 2:11:55.89 | 2.88 |
| PKB4 208.2 73 | Sn | 2:11:57.65 | 3.94 |
| CONA 219.6 357 | Pn | 2:11:30.45 | 0.52 |
| PKB5 221.1 71 | Sn | 2:12:01.09 | 4.52* |
| WINA 239.2 1 | Pn | 2:11:32.61 | 0.24 |
| | Sn | 12:00.09 | -0.49 |
| MOA 249.3 328 | Pn | 2:11:33.68 | 0.05 |
| | Sn | 12:02.31 | -0.51 |
| ABNA 305.0 352 | Pn | 2:11:40.87 | 0.29* |
| | Sn | 12:14.42 | -0.77* |
| KHC 397.9 332 | ePn | 2:11:53.60 | 1.43* |
| | eSn | 12:34.90 | -0.92* |

1199.

2021-08-16 time: 7:55:57.78 UTC ML= 1.6
 lat: 46.872N lon: 22.854E h= 0.0 km
 erh= 6.2km erz= 3.6km
 nr= 7 gap=262 rms=0.43
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DRGR | 14.1 | 231 | Pg | 7:56:00.33 | | | 0.04 |
| | | | Sg | 56:02.79 | | | 0.54 |
| GZR | 164.4 | 182 | Pn | 7:56:25.58 | | | 0.26 |
| | | | Sn | 56:45.87 | | | -0.93 |
| BZS | 169.0 | 214 | Pn | 7:56:25.88 | | | -0.01 |
| | | | Sn | 56:46.87 | | | -0.94 |
| VOIR | 232.8 | 133 | Sn | 7:57:02.13 | | | 0.16 |

1200.

2021-08-16 time: 8:23:19.29 UTC ML= 1.0
 lat: 48.484N lon: 19.167E h= 0.0 km
 erh= 3.0km erz= 4.2km
 nr= 10 gap=104 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|------|
| VYHS | 24.5 | 273 | Pg | 8:23:24.45 | | | 0.79 |
| | | | Sg | 23:27.46 | | | 0.39 |

| | | | | | | | |
|------|-------|-----|----|------------|--|--|-------|
| LANS | 77.3 | 17 | Sg | 8:23:43.33 | | | -0.53 |
| PENC | 77.6 | 174 | Sg | 8:23:42.99 | | | -0.97 |
| PSZ | 83.0 | 139 | Sg | 8:23:45.10 | | | -0.56 |
| KECS | 97.5 | 90 | Sg | 8:23:50.32 | | | 0.05 |
| NIE | 133.6 | 39 | Pn | 8:23:43.59 | | | 0.61 |
| | | | Sn | 23:59.75 | | | -1.71 |
| MODS | 140.4 | 265 | Sn | 8:24:01.86 | | | -1.10 |
| ABAH | 154.9 | 98 | Sn | 8:24:08.52 | | | 2.33 |

1201.

2021-08-16 time: 9:21:35.91 UTC ML= 0.9
 lat: 47.199N lon: 18.299E h= 0.0 km
 erh= 0.9km erz= 1.9km
 nr= 8 gap=151 rms=0.22
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 18.5 | 351 | Pg | 9:21:39.35 | | | 0.15 |
| | | | Sg | 21:41.71 | | | -0.07 |
| PKST | 21.1 | 288 | Pg | 9:21:39.86 | | | 0.18 |
| | | | Sg | 21:42.32 | | | -0.30 |
| MORH | 112.5 | 166 | Sg | 9:22:11.84 | | | 0.18 |
| PKSM | 112.8 | 167 | Sg | 9:22:11.74 | | | -0.04 |
| KOVH | 124.4 | 187 | Sg | 9:22:15.25 | | | -0.21 |
| VYHS | 149.5 | 16 | Sn | 9:22:20.88 | | | -0.72 |

1202.

2021-08-16 time: 9:33:09.81 UTC ML= 1.6
 lat: 46.108N lon: 21.766E h= 0.0 km
 erh= 3.0km erz= 865km
 nr= 8 gap=143 rms=0.62
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SIRR | 19.5 | 335 | Pg | 9:33:13.27 | | | -0.02 |
| | | | Sg | 33:16.46 | | | 0.45 |
| BZS | 55.9 | 192 | Pg | 9:33:19.07 | | | -0.71 |
| | | | Sg | 33:27.81 | | | 0.25 |
| DRGR | 105.1 | 44 | Pg | 9:33:28.71 | | | 0.14 |
| | | | Sg | 33:42.87 | | | -0.34 |
| GZR | 111.8 | 135 | Pg | 9:33:30.79 | | | 1.02 |
| | | | Sg | 33:44.05 | | | -1.29 |

1203.

2021-08-16 time: 11:20:03.14 UTC ML= 1.5
 lat: 47.794N lon: 19.891E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 6 gap=209 rms=0.63
 Locality: Gyöngyös
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PSZ | 13.8 | 1 | Pg | 11:20:05.83 | | | 0.22 |
| | | | Sg | 20:08.34 | | | 0.80 |
| PENC | 45.6 | 270 | Sg | 11:20:18.18 | | | 0.53 |
| KECS | 88.5 | 30 | Sg | 11:20:31.30 | | | 0.03 |
| VYHS | 110.6 | 315 | Sg | 11:20:37.42 | | | -0.86 |
| ABAH | 115.0 | 61 | Sg | 11:20:38.66 | | | -1.04 |

1204.

2021-08-17 time: 7:17:51.29 UTC ML= 1.5
 lat: 46.034N lon: 22.822E h= 0.0 km
 erh= 5.9km erz= ***km
 nr= 6 gap=189 rms=0.70
 Locality: Romania
 Comments: probably explosion

Hypocenter Parameters

Földregés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| GZR | 71.3 | 183 | Pg | 7:18:04.36 | 0.35 |
| | | | Sg | 18:12.80 | -1.14 |
| DRGR | 84.7 | 354 | Pg | 7:18:06.77 | 0.36 |
| | | | Sg | 18:16.82 | -1.38 |
| BZS | 104.5 | 244 | Pg | 7:18:10.57 | 0.62 |
| | | | Sg | 18:24.05 | -0.46 |

1205.

2021-08-17 time: 7:19:43.68 UTC ML= 1.2
 lat: 45.856N lon: 18.391E h= 0.0 km
 erh= 4.9km erz= 725km
 nr= 10 gap=263 rms=0.57
 Locality: Kisharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 11.4 | 289 | Pg | 7:19:45.48 | -0.24 |
| | | | Sg | 19:46.44 | -0.86 |
| KOVH | 34.3 | 319 | Pg | 7:19:50.00 | 0.19 |
| | | | Sg | 19:54.37 | -0.22 |
| PKSM | 44.1 | 26 | Pg | 7:19:51.51 | -0.04 |
| | | | Sg | 19:57.03 | -0.65 |
| MORH | 44.6 | 26 | Pg | 7:19:51.36 | -0.28 |
| | | | Sg | 19:57.18 | -0.66 |
| PKS9 | 81.7 | 354 | Pg | 7:19:59.59 | 1.31 |
| PKB5 | 86.4 | 18 | Pg | 7:19:59.66 | 0.56 |

1206.

2021-08-17 time: 7:23:04.68 UTC ML= 1.9
 lat: 47.290N lon: 18.401E h= 0.0 km
 erh= 3.0km erz= 5.8km
 nr= 7 gap=113 rms=0.70
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 11.4 | 356 | PgU | 7:23:07.69 | 0.97 |
| | | | Sg | 23:07.89 | -0.41 |
| CSKK | 13.4 | 308 | Pg | 7:23:06.72 | -0.35 |
| | | | Sg | 23:08.55 | -0.39 |
| PKST | 27.9 | 263 | Sg | 7:23:13.94 | 0.38 |
| MORH | 120.8 | 171 | Sg | 7:23:43.39 | 0.30 |
| PSZ | 132.3 | 58 | Sn | 7:23:45.00 | -1.57 |

1207.

2021-08-17 time: 7:49:41.73 UTC ML= 1.4
 lat: 46.879N lon: 22.860E h= 0.0 km
 erh= 8.2km erz= 4.1km
 nr= 5 gap=313 rms=0.24
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 15.0 | 229 | Pg | 7:49:44.39 | -0.01 |
| | | | Sg | 49:46.70 | 0.22 |
| GZR | 165.3 | 182 | Pn | 7:50:09.60 | 0.23 |
| | | | Sn | 50:30.48 | -0.45 |
| BZS | 170.0 | 214 | Sn | 7:50:31.59 | -0.38 |

1208.

2021-08-17 time: 8:55:07.06 UTC ML= 1.7
 lat: 47.352N lon: 18.396E h= 0.0 km
 erh= 1.4km erz= 2.1km
 nr= 20 gap= 79 rms=0.77
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.4 | 277 | Pg | 8:55:08.89 | -0.02 |

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 29.3 | 249 | Pg | 8:55:12.55 | 0.26 |
| | | | Sg | 55:15.66 | -0.70 |
| MPLH | 67.9 | 253 | Pg | 8:55:20.08 | 0.89 |
| A338 | 73.8 | 357 | Sg | 8:55:31.58 | 1.05 |
| PENC | 82.6 | 54 | Sg | 8:55:34.39 | 1.08 |
| PKB5 | 88.0 | 163 | Sg | 8:55:35.19 | 0.16 |
| PKB4 | 96.4 | 171 | Sg | 8:55:37.50 | -0.20 |
| PKB2 | 99.0 | 140 | Sg | 8:55:38.81 | 0.28 |
| PKB3 | 119.8 | 149 | Sg | 8:55:45.54 | 0.41 |
| MORH | 127.7 | 171 | Pg | 8:55:30.47 | 0.61 |
| | | | Sg | 55:46.24 | -1.41 |
| PKSM | 128.1 | 172 | Sg | 8:55:45.74 | -2.04 |
| PSZ | 129.0 | 61 | Sg | 8:55:47.30 | -0.77 |
| VYHS | 131.2 | 15 | Pn | 8:55:30.27 | -0.19 |
| | | | Sn | 55:47.34 | -1.36 |
| MODS | 141.2 | 324 | Sn | 8:55:49.21 | -1.70 |
| KOVH | 142.3 | 189 | Sn | 8:55:50.52 | -0.64 |
| PKSV | 163.0 | 184 | Sn | 8:55:55.84 | 0.07 |

1209.

2021-08-17 time: 9:47:45.52 UTC ML= 1.0
 lat: 47.165N lon: 18.241E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 7 gap=140 rms=0.72
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 18.8 | 304 | Pg | 9:47:49.32 | 0.43 |
| | | | Sg | 47:51.83 | 0.32 |
| CSKK | 22.1 | 4 | Pg | 9:47:49.15 | -0.32 |
| | | | Sg | 47:50.92 | -1.64 |
| PKSG | 27.7 | 24 | Pg | 9:47:51.23 | 0.76 |
| | | | Sg | 47:54.54 | 0.22 |
| MORH | 109.9 | 164 | Sg | 9:48:19.28 | -1.17 |

1210.

2021-08-17 time: 10:12:43.41 UTC ML= 1.8
 lat: 48.523N lon: 17.506E h= 0.0 km
 erh= 2.0km erz= 1.7km
 nr= 10 gap=218 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 5.8 | 260 | Pg | 10:12:44.44 | 0.00 |
| | | | Sg | 12:45.01 | -0.24 |
| MODS | 23.7 | 226 | Pg | 10:12:48.13 | 0.49 |
| | | | Sg | 12:50.95 | 0.02 |
| ZST | 47.0 | 219 | Pg | 10:12:51.98 | 0.17 |
| KRUC | 101.3 | 306 | Sg | 10:13:16.05 | 0.45 |
| RONA | 128.4 | 225 | Sg | 10:13:22.33 | -1.89 |
| CONA | 138.9 | 242 | Pn | 10:13:07.67 | -0.09 |
| | | | Sn | 13:25.94 | -0.82 |
| MORC | 139.5 | 1 | Sn | 10:13:26.34 | -0.55 |

1211.

2021-08-17 time: 10:55:47.87 UTC ML= 1.7
 lat: 48.918N lon: 20.625E h= 0.0 km
 erh= 1.7km erz= 540km
 nr= 9 gap=111 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.4 | 192 | Pg | 10:55:56.93 | 0.24 |
| | | | Sg | 56:03.56 | -0.01 |
| NIE | 60.2 | 338 | Pg | 10:55:58.99 | 0.38 |
| | | | Sg | 56:06.47 | -0.52 |
| LANS | 88.5 | 287 | Pg | 10:56:04.08 | 0.42 |
| KOLS | 120.8 | 89 | Pg | 10:56:09.46 | 0.02 |

Földrengés paraméterek

Hypocenter Parameters

PSZ 123.6 206 Sg 56:25.80 -0.47
Pg 10:56:09.41 -0.53
Sg 56:24.94 -2.21

Sn 55:52.09 -0.22
1215.

1212.

2021-08-17 time: 21:07:57.85 UTC ML= 2.0
lat: 45.531N lon: 16.068E h= 7.7 km
erh= 2.8km erz= 2.3km
nr= 22 gap=170 rms=0.70
Locality: Croatia
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 33.7 | 350 | Pg | 21:08:04.11 | 0.09 |
| | | | Sg | 08:09.17 | 0.34 |
| PTJ | 41.9 | 348 | Pg | 21:08:05.14 | -0.33 |
| | | | Sg | 08:11.62 | 0.22 |
| CRES | 57.8 | 305 | Pg | 21:08:08.18 | -0.09 |
| | | | Sg | 08:16.14 | -0.26 |
| KOGS | 103.0 | 8 | Pg | 21:08:16.26 | -0.03 |
| | | | Sg | 08:29.37 | -1.30 |
| BEHE | 117.9 | 28 | Pn | 21:08:17.82 | -0.80 |
| | | | Sn | 08:33.89 | -0.92 |
| BLY | 123.5 | 135 | Pn | 21:08:18.79 | -0.52 |
| | | | Sn | 08:33.22 | -2.82 |
| SOKA | 150.6 | 328 | Pn | 21:08:23.88 | 1.20 |
| | | | Sn | 08:42.45 | 0.40 |
| KOVH | 169.7 | 69 | Pn | 21:08:25.39 | 0.32 |
| PKSV | 174.7 | 77 | Pn | 21:08:26.40 | 0.71 |
| | | | Sn | 08:46.48 | -0.92 |
| PKSM | 213.7 | 69 | Pn | 21:08:31.34 | 0.79 |
| | | | Sn | 08:56.97 | 0.91 |
| MORH | 214.0 | 69 | Pn | 21:08:31.64 | 1.04 |
| | | | Sn | 08:57.58 | 1.44 |
| PKB4 | 223.8 | 61 | Sn | 21:09:01.78 | 3.47* |

1213.

2021-08-18 time: 5:58:06.35 UTC ML= 1.4
lat: 47.282N lon: 18.317E h= 0.0 km
erh= 1.6km erz= 3.6km
nr= 12 gap=109 rms=0.49
Locality: Magyaralmás
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 10.0 | 334 | Pg | 5:58:07.80 | -0.33 |
| | | | Sg | 58:08.78 | -0.74 |
| PKSG | 13.4 | 24 | Pg | 5:58:09.78 | 1.04 |
| | | | Sg | 58:10.84 | 0.24 |
| PKST | 21.6 | 263 | Pg | 5:58:10.16 | -0.04 |
| | | | Sg | 58:13.45 | 0.24 |
| MORH | 121.2 | 168 | Pg | 5:58:28.13 | 0.15 |
| | | | Sg | 58:44.25 | -0.61 |
| PKSM | 121.5 | 168 | Pg | 5:58:28.18 | 0.13 |
| | | | Sg | 58:44.85 | -0.13 |
| PSZ | 138.1 | 59 | Pn | 5:58:30.44 | -0.16 |
| | | | Sn | 58:47.82 | -1.69 |

1214.

2021-08-18 time: 6:55:02.94 UTC ML= 1.5
lat: 46.830N lon: 22.872E h= 0.0 km
erh= 5.9km erz= 4.0km
nr= 6 gap=292 rms=0.16
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 13.0 | 251 | Pg | 6:55:05.28 | 0.01 |
| | | | Sg | 55:06.99 | -0.09 |
| GZR | 159.8 | 183 | Pn | 6:55:29.74 | -0.16 |
| | | | Sn | 55:51.17 | 0.24 |
| BZS | 166.0 | 216 | Pn | 6:55:30.90 | 0.22 |

2021-08-18 time: 7:09:18.04 UTC ML= 0.7
lat: 47.318N lon: 18.258E h= 0.0 km
erh= 3.2km erz= 552km
nr= 6 gap=198 rms=0.35
Locality: Fehérváracsurgó
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.1 | 2 | Pg | 7:09:18.65 | -0.30 |
| | | | Sg | 09:19.65 | 0.00 |
| PKSG | 13.0 | 51 | Pg | 7:09:20.81 | 0.45 |
| | | | Sg | 09:22.31 | 0.14 |
| PKST | 18.1 | 249 | Pg | 7:09:20.86 | -0.42 |
| | | | Sg | 09:24.22 | 0.41 |

1216.

2021-08-18 time: 7:14:43.34 UTC ML= 1.8
lat: 47.703N lon: 18.546E h= 0.0 km
erh= 1.5km erz= 780km
nr= 21 gap=128 rms=0.70
Locality: Bajót
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SRO | 21.3 | 305 | Pg | 7:14:47.68 | 0.53 |
| | | | Sg | 14:50.36 | 0.24 |
| PKSG | 36.5 | 199 | Pg | 7:14:50.86 | 1.00 |
| | | | Sg | 14:55.13 | 0.19 |
| BUD | 43.4 | 124 | Sg | 7:14:56.88 | -0.27 |
| CSKK | 43.4 | 210 | Pg | 7:14:51.34 | 0.24 |
| | | | Sg | 14:57.28 | 0.13 |
| PENC | 56.0 | 80 | Pg | 7:14:54.22 | 0.87 |
| | | | Sg | 15:00.85 | -0.31 |
| PNNH | 61.3 | 254 | Sg | 7:15:02.20 | -0.63 |
| PKST | 62.6 | 218 | Pg | 7:14:55.11 | 0.58 |
| | | | Sg | 15:02.51 | -0.74 |
| MPLH | 96.3 | 232 | Pg | 7:15:01.07 | 0.53 |
| | | | Sg | 15:13.35 | -0.60 |
| EGYH | 96.7 | 251 | Sg | 7:15:13.15 | -0.94 |
| PKB1 | 103.8 | 170 | Sg | 7:15:15.26 | -1.08 |
| PSZ | 103.8 | 77 | Pg | 7:15:01.80 | -0.08 |
| | | | Sg | 15:15.21 | -1.13 |
| MODS | 120.5 | 308 | Pg | 7:15:04.61 | -0.25 |
| | | | Sg | 15:19.58 | -2.05 |
| PKB5 | 124.0 | 173 | Sg | 7:15:20.83 | -1.93 |

1217.

2021-08-18 time: 8:19:41.10 UTC ML= 1.9
lat: 46.845N lon: 17.372E h= 0.0 km
erh= 3.2km erz= 5.1km
nr= 14 gap=107 rms=0.87
Locality: Lesencetomaj
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 38.4 | 19 | Pg | 8:19:47.65 | -0.30 |
| | | | Sg | 19:53.68 | 0.39 |
| PKST | 68.2 | 48 | Pg | 8:19:53.48 | 0.19 |
| | | | Sg | 20:04.30 | 1.51 |
| PKSG | 98.4 | 52 | Sg | 8:20:12.37 | -0.01 |
| KOVH | 101.0 | 146 | Pg | 8:19:59.60 | 0.46 |
| | | | Sg | 20:13.70 | 0.49 |
| MORH | 120.1 | 126 | Sg | 8:20:18.09 | -1.19 |
| PKSM | 120.2 | 126 | Sg | 8:20:17.48 | -1.82 |
| RONA | 125.1 | 319 | Sg | 8:20:19.21 | -1.66 |
| ARSA | 147.5 | 288 | Sn | 8:20:25.44 | -0.92 |
| GROS | 149.3 | 253 | Pn | 8:20:07.67 | 0.91 |
| | | | Sn | 20:26.05 | -0.72 |
| CONA | 165.9 | 317 | Sn | 8:20:31.33 | 0.90 |

Hypocenter Parameters

Földregés paraméterek

1218.

2021-08-18 time: 8:59:44.95 UTC ML= 1.5
 lat: 48.406N lon: 17.290E h= 0.0 km
 erh= 8.8km erz= 596km
 nr= 6 gap=190 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| MODS | 3.7 | 195 | Pg | 8:59:45.02 | | | -0.59 |
| | | | Sg | 59:46.72 | | | 0.60 |
| SMOL | 15.8 | 40 | Pg | 8:59:47.83 | | | 0.05 |
| | | | Sg | 59:50.44 | | | 0.46 |
| ZST | 27.1 | 211 | Pg | 8:59:49.80 | | | 0.00 |
| | | | Sg | 59:53.56 | | | -0.02 |

1219.

2021-08-18 time: 9:04:54.77 UTC ML= 1.5
 lat: 48.550N lon: 17.436E h= 0.0 km
 erh= 2.2km erz= 255km
 nr= 6 gap=241 rms=0.15
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| SMOL | 4.1 | 188 | Pg | 9:04:55.31 | | | -0.19 |
| | | | Sg | 04:56.11 | | | 0.04 |
| MODS | 22.9 | 211 | Pg | 9:04:59.02 | | | 0.16 |
| | | | Sg | 05:02.02 | | | -0.03 |
| KRUC | 95.3 | 307 | Pg | 9:05:11.90 | | | 0.12 |
| | | | Sg | 05:24.85 | | | -0.21 |

1220.

2021-08-18 time: 10:08:08.26 UTC ML= 1.4
 lat: 48.514N lon: 20.739E h= 0.0 km
 erh= 3.1km erz= 445km
 nr= 5 gap=223 rms=0.20
 Locality: Bódvarákó
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| KECS | 19.0 | 260 | Pg | 10:08:11.56 | | | -0.09 |
| | | | Sg | 08:14.27 | | | -0.03 |
| ABAH | 44.3 | 123 | Pg | 10:08:16.38 | | | 0.22 |
| | | | Sg | 08:21.90 | | | -0.43 |
| PSZ | 91.2 | 223 | Sg | 10:08:37.37 | | | 0.12 |

1221.

2021-08-18 time: 10:14:28.24 UTC ML= 1.4
 lat: 48.592N lon: 20.862E h= 0.0 km
 erh= 3.3km erz= 964km
 nr= 8 gap=163 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KECS | 30.3 | 246 | Pg | 10:14:34.06 | | | 0.40 |
| | | | Sg | 14:37.23 | | | -0.65 |
| ABAH | 43.2 | 140 | Pg | 10:14:36.42 | | | 0.47 |
| | | | Sg | 14:40.69 | | | -1.27 |
| NIE | 100.3 | 336 | Pg | 10:14:46.82 | | | 0.67 |
| | | | Sg | 14:58.56 | | | -1.56 |
| PSZ | 103.8 | 224 | Pg | 10:14:46.87 | | | 0.09 |
| | | | Sg | 15:00.92 | | | -0.32 |

1222.

2021-08-18 time: 13:51:01.81 UTC ML= 0.5
 lat: 46.112N lon: 18.322E h= 0.0 km
 erh= 1.2km erz= 266km
 nr= 7 gap=164 rms=0.18
 Locality: Hird
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| KOVH | 17.4 | 261 | Sg | 13:51:07.18 | | | -0.16 |
| PKSV | 25.5 | 192 | Pg | 13:51:06.34 | | | -0.02 |
| | | | Sg | 51:09.80 | | | -0.10 |
| PKSM | 27.0 | 66 | Pg | 13:51:06.79 | | | 0.15 |
| | | | Sg | 51:10.18 | | | -0.22 |
| MORH | 27.4 | 65 | Pg | 13:51:06.94 | | | 0.24 |
| | | | Sg | 51:10.25 | | | -0.27 |

1223.

2021-08-18 time: 13:53:38.87 UTC ML= 1.4
 lat: 47.852N lon: 16.003E h= 0.0 km
 erh= 0.9km erz= 1.7km
 nr= 10 gap=100 rms=0.87
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CONA | 13.6 | 309 | Pg | 13:53:42.35 | | | 1.06 |
| | | | Sg | 53:44.31 | | | 1.13 |
| RONA | 27.7 | 128 | PgU | 13:53:44.01 | | | 0.19 |
| | | | Sg | 53:47.43 | | | -0.25 |
| SOP | 45.6 | 114 | Sg | 13:53:53.68 | | | 0.30 |
| ARSA | 76.0 | 208 | Sg | 13:54:02.79 | | | -0.23 |
| MODS | 111.2 | 59 | Pg | 13:53:59.02 | | | 0.29 |
| | | | Sg | 54:14.24 | | | 0.02 |
| KRUC | 137.6 | 12 | Pn | 13:54:01.74 | | | -1.32 |
| | | | Sn | 54:19.71 | | | -2.23 |

1224.

2021-08-18 time: 14:22:29.92 UTC ML= 2.3
 lat: 46.121N lon: 16.448E h= 9.0 km
 erh= 1.7km erz= 1.5km
 nr= 29 gap= 68 rms=0.74
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KOGS | 39.4 | 337 | Pg | 14:22:37.17 | | | 0.04 |
| | | | Sg | 22:42.59 | | | -0.17 |
| PTJ | 45.2 | 237 | Pg | 14:22:38.50 | | | 0.35 |
| | | | Sg | 22:44.14 | | | -0.43 |
| BEHE | 46.3 | 33 | Pg | 14:22:38.32 | | | -0.02 |
| | | | Sg | 22:44.60 | | | -0.30 |
| ZAG | 47.9 | 227 | Pg | 14:22:39.07 | | | 0.45 |
| | | | Sg | 22:46.16 | | | 0.76 |
| GROS | 82.1 | 297 | Pg | 14:22:44.16 | | | -0.50 |
| | | | Sg | 22:54.63 | | | -1.54 |
| CRES | 83.5 | 247 | Pg | 14:22:45.24 | | | 0.32 |
| | | | Sg | 22:56.53 | | | -0.09 |
| PERS | 117.3 | 299 | Pn | 14:22:50.28 | | | -0.14 |
| | | | Sn | 23:06.04 | | | -0.37 |
| SOKA | 125.2 | 300 | Pn | 14:22:52.44 | | | 1.04 |
| | | | Sn | 23:08.05 | | | -0.12 |
| KOVH | 127.8 | 92 | Pn | 14:22:50.42 | | | -1.31 |
| | | | Sn | 23:07.05 | | | -1.69 |
| PKSV | 142.2 | 100 | Pn | 14:22:52.96 | | | -0.56 |
| | | | Sn | 23:10.47 | | | -1.46 |
| MPLH | 143.5 | 36 | Sn | 14:23:12.09 | | | -0.13 |
| ARSA | 144.1 | 331 | Sn | 14:23:11.74 | | | -0.62 |
| BLY | 163.1 | 159 | Sn | 14:23:17.16 | | | 0.59 |
| PKSM | 169.7 | 87 | Sn | 14:23:18.93 | | | 0.88 |
| MORH | 170.0 | 86 | Sn | 14:23:18.52 | | | 0.42 |
| PKB4 | 171.2 | 76 | Sn | 14:23:20.02 | | | 1.63 |

Földrengés paraméterek

PKST 175.3 44 Pn 14:22:58.18 0.53
 RONA 175.8 356 Pn 14:22:58.79 1.07
 Sn 23:21.17 1.76
 CONA 205.8 347 Sn 14:23:31.72 5.67*

1225.

2021-08-18 time: 15:10:16.73 UTC ML= 1.7
 lat: 47.505N lon: 16.311E h= 0.0 km
 erh= 2.4km erz= 2.6km
 nr= 20 gap=106 rms=0.78
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 21.6 | 357 | PgU | 15:10:21.11 | | | 0.51 |
| | | | Sg | | 10:23.59 | | -0.02 |
| SOP | 27.2 | 43 | PgU | 15:10:22.19 | | | 0.60 |
| | | | Sg | | 10:24.60 | | -0.77 |
| CONA | 57.9 | 324 | Pg | 15:10:28.82 | | | 1.76 |
| | | | Sg | | 10:34.64 | | -0.48 |
| ARSA | 65.9 | 245 | Pg | 15:10:28.69 | | | 0.19 |
| | | | Sg | | 10:36.22 | | -1.45 |
| MODS | 120.6 | 37 | Pg | 15:10:37.73 | | | -0.53 |
| | | | Sg | | 10:54.00 | | -1.06 |
| GROS | 131.4 | 208 | Sn | 15:10:57.81 | | | -0.61 |
| PERS | 132.6 | 223 | Pn | 15:10:40.94 | | | 0.64 |
| | | | Sn | | 10:57.61 | | -1.06 |
| PKST | 133.0 | 102 | Pn | 15:10:41.04 | | | 0.69 |
| | | | Sn | | 10:58.52 | | -0.25 |
| SOKA | 133.7 | 227 | Pn | 15:10:40.74 | | | 0.30 |
| | | | Sn | | 10:58.52 | | -0.41 |
| SMOL | 139.8 | 37 | Sn | 15:10:59.32 | | | -0.95 |
| KRUC | 173.2 | 2 | Pn | 15:10:45.28 | | | -0.08 |
| | | | Sn | | 11:05.95 | | -1.74 |

1226.

2021-08-18 time: 16:05:19.05 UTC ML= 0.9
 lat: 47.597N lon: 16.336E h= 0.0 km
 erh= 3.9km erz= 504km
 nr= 7 gap=256 rms=0.34
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| RONA | 11.7 | 345 | PgU | 16:05:21.28 | | | 0.13 |
| | | | Sg | | 05:23.01 | | 0.23 |
| SOP | 19.2 | 60 | Pg | 16:05:22.49 | | | 0.01 |
| | | | Sg | | 05:25.15 | | -0.01 |
| CONA | 51.2 | 316 | Pg | 16:05:28.56 | | | 0.37 |
| | | | Sg | | 05:34.25 | | -1.06 |
| MODS | 111.3 | 39 | Pg | 16:05:38.55 | | | -0.37 |

1227.

2021-08-19 time: 0:22:23.86 UTC ML= 1.7
 lat: 45.832N lon: 20.833E h= 12.1 km
 erh= 2.5km erz= 2.2km
 nr= 26 gap= 71 rms=1.01
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| TIM | 31.9 | 109 | PgD | 0:22:30.67 | | | 0.71 |
| | | | Sg | | 22:36.00 | | 1.28 |
| BANR | 55.2 | 155 | Sg | 0:22:42.75 | | | 0.93 |
| AMBH | 58.2 | 352 | Pg | 0:22:34.05 | | | -0.44 |
| | | | Sg | | 22:42.45 | | -0.32 |
| BZS | 65.5 | 111 | Pg | 0:22:35.46 | | | -0.30 |
| | | | Sg | | 22:44.33 | | -0.71 |
| SIRR | 80.3 | 53 | Pg | 0:22:37.80 | | | -0.55 |
| | | | Sg | | 22:47.94 | | -1.72 |
| SURR | 100.8 | 95 | P*D | 0:22:42.47 | | | 0.67 |
| | | | S* | | 22:54.10 | | -1.70 |

Hypocenter Parameters

FRGS 111.3 226 Pn 0:22:42.34 -0.88
 Sn 22:55.92 -2.40
 PKS6 129.9 311 Pn 0:22:44.76 -0.78
 Sn 23:02.39 -0.06
 PKB3 142.7 297 Sn 0:23:05.36 0.07
 PKS2 145.1 300 Pn 0:22:47.07 -0.36
 Sn 23:06.42 0.60
 PKB2 154.4 307 Sn 0:23:09.59 1.71
 GZR 159.2 108 Pn 0:22:50.71 1.51
 Sn 23:09.61 0.65
 MORH 174.8 284 Sn 0:23:13.95 1.54
 PKSM 174.9 284 Sn 0:23:14.30 1.86
 DRGR 179.8 54 Pn 0:22:52.79 1.03
 Sn 23:15.36 1.84
 MARR 199.7 62 Sn 0:23:16.70 -1.24

1228.

2021-08-19 time: 8:25:07.24 UTC ML= 1.2
 lat: 46.234N lon: 18.248E h= 0.0 km
 erh= 1.4km erz= 486km
 nr= 10 gap=137 rms=0.38
 Locality: Kisbattyán
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KOVH | 19.8 | 215 | Pg | 8:25:11.26 | | | 0.47 |
| | | | Sg | | 25:13.87 | | 0.32 |
| PKSM | 30.5 | 95 | Pg | 8:25:12.82 | | | 0.14 |
| | | | Sg | | 25:16.69 | | -0.24 |
| MORH | 30.6 | 94 | Pg | 8:25:13.07 | | | 0.35 |
| | | | Sg | | 25:17.04 | | 0.06 |
| PKSV | 38.4 | 179 | Pg | 8:25:13.72 | | | -0.39 |
| | | | Sg | | 25:18.04 | | -1.42 |
| PKST | 115.1 | 352 | Pg | 8:25:27.56 | | | -0.23 |
| | | | Sg | | 25:43.38 | | -0.44 |

1229.

2021-08-19 time: 8:26:01.04 UTC ML= 1.5
 lat: 48.540N lon: 19.384E h= 0.0 km
 erh= 6.8km erz= 8.1km
 nr= 8 gap=210 rms=1.04
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PSZ | 78.8 | 151 | Pg | 8:26:15.99 | | | 0.88 |
| | | | Sg | | 26:25.56 | | -0.53 |
| KECS | 81.7 | 94 | Pg | 8:26:15.90 | | | 0.28 |
| | | | Sg | | 26:25.76 | | -1.23 |
| PENC | 83.6 | 185 | Sg | 8:26:25.69 | | | -1.93 |
| NIE | 119.1 | 35 | Pg | 8:26:23.07 | | | 0.76 |
| | | | Sg | | 26:37.36 | | -1.54 |
| ABAH | 140.0 | 101 | Sn | 8:26:45.94 | | | 1.31 |

1230.

2021-08-19 time: 8:29:13.28 UTC ML= 1.6
 lat: 48.619N lon: 20.756E h= 0.0 km
 erh= 3.3km erz= 673km
 nr= 8 gap=200 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 25.0 | 233 | Pg | 8:29:18.23 | | | 0.48 |
| | | | Sg | | 29:21.35 | | 0.12 |
| ABAH | 50.7 | 135 | Pg | 8:29:22.61 | | | 0.27 |
| | | | Sg | | 29:28.81 | | -0.59 |
| PSZ | 100.8 | 219 | Pg | 8:29:31.17 | | | -0.11 |
| | | | Sg | | 29:44.57 | | -0.74 |
| KOLS | 116.9 | 73 | Pg | 8:29:34.50 | | | 0.34 |
| | | | Sg | | 29:48.86 | | -1.58 |

Hypocenter Parameters

Földrengés paraméterek

1231.

2021-08-19 time: 9:40:15.81 UTC ML= 0.9
 lat: 47.186N lon: 18.255E h= 0.0 km
 erh= 2.4km erz= 6.6km
 nr= 10 gap=110 rms=0.75
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 18.6 | 296 | Pg | 9:40:19.15 | 0.02 |
| | | | Sg | 40:21.81 | 0.09 |
| CSKK | 19.7 | 1 | Pg | 9:40:19.20 | -0.14 |
| | | | Sg | 40:20.96 | -1.12 |
| PKSG | 25.1 | 24 | Pg | 9:40:21.46 | 1.16 |
| | | | Sg | 40:24.27 | 0.48 |
| MORH | 111.9 | 165 | Sg | 9:40:50.43 | -0.94 |
| PKSM | 112.2 | 165 | Sg | 9:40:51.53 | 0.05 |
| KOVH | 122.6 | 186 | Sg | 9:40:55.05 | 0.28 |
| PSZ | 147.9 | 57 | Sn | 9:40:58.97 | -2.18 |

1232.

2021-08-19 time: 22:36:54.33 UTC ML= 0.2
 lat: 47.325N lon: 18.274E h= 10.0 km
 erh=11.3km erz= 6.0km
 nr= 6 gap=198 rms=0.44
 Locality: Sóréd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 4.4 | 347 | Pg | 22:36:55.66 | -0.61 |
| | | | Sg | 36:57.48 | -0.31 |
| PKSG | 11.6 | 50 | Pg | 22:36:57.38 | 0.32 |
| | | | Sg | 36:59.54 | 0.36 |
| PKST | 19.5 | 248 | Pg | 22:36:58.13 | -0.11 |
| | | | Sg | 37:02.11 | 0.81 |

1233.

2021-08-20 time: 9:20:31.15 UTC ML= 1.6
 lat: 46.002N lon: 22.992E h= 9.6 km
 erh= 2.1km erz= 2.0km
 nr= 20 gap=104 rms=0.83
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 14.9 | 207 | Pg | 9:20:34.53 | 0.22 |
| | | | Sg | 20:36.77 | 0.00 |
| GZR | 69.7 | 194 | Pg | 9:20:44.14 | 0.43 |
| | | | Sg | 20:52.13 | -1.39 |
| SURR | 72.8 | 248 | PgD | 9:20:44.80 | 0.55 |
| | | | Sg | 20:54.30 | -0.17 |
| MARR | 75.5 | 7 | PgC | 9:20:44.90 | 0.16 |
| | | | Sg | 20:53.20 | -2.14 |
| LOT | 86.4 | 136 | PgC | 9:20:46.17 | -0.50 |
| | | | Sg | 20:58.10 | -0.68 |
| DRGR | 90.4 | 346 | Pg | 9:20:47.93 | 0.56 |
| | | | Sg | 20:59.05 | -0.97 |
| SIRR | 107.1 | 286 | P* | 9:20:50.70 | 0.42 |
| | | | S* | 21:04.25 | -0.96 |
| BZS | 115.2 | 248 | Pn | 9:20:51.19 | -0.12 |
| | | | Sn | 21:05.06 | -1.99 |
| HERR | 132.5 | 200 | PnC | 9:20:55.66 | 2.18 |
| | | | Sn | 21:11.00 | 0.10 |
| VOIR | 172.1 | 111 | Pn | 9:20:59.15 | 0.73 |
| | | | Sn | 21:21.04 | 1.35 |

1234.

2021-08-20 time: 10:08:36.42 UTC ML= 1.4
 lat: 48.515N lon: 20.776E h= 0.0 km
 erh= 2.1km erz= 2.1km
 nr= 5 gap=316 rms=1.49
 Locality: Tornaszentandrás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.7 | 261 | Pg | 10:08:42.10 | 1.80 |
| | | | Sg | 08:43.15 | -0.18 |
| PSZ | 93.2 | 225 | Pg | 10:08:53.95 | 0.88 |
| | | | Sg | 09:03.69 | -2.36 |
| VYHS | 143.4 | 269 | Pn | 10:08:59.83 | -1.50 |

1235.

2021-08-20 time: 10:49:20.42 UTC ML= 1.8
 lat: 48.807N lon: 21.192E h= 0.0 km
 erh= 3.6km erz= 7.2km
 nr= 12 gap= 77 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 57.0 | 177 | Pg | 10:49:31.22 | 0.63 |
| | | | Sg | 49:37.64 | -0.89 |
| KECS | 63.4 | 235 | Pg | 10:49:32.82 | 1.09 |
| | | | Sg | 49:39.05 | -1.51 |
| STHS | 67.9 | 3 | Sg | 10:49:40.46 | -1.52 |
| KOLS | 80.5 | 80 | Pg | 10:49:36.06 | 1.27 |
| | | | Sg | 49:45.30 | -0.71 |
| TRPA | 124.9 | 127 | Pg | 10:49:42.29 | -0.42 |
| | | | Sg | 49:58.96 | -1.14 |
| LANS | 131.9 | 287 | Pn | 10:49:44.40 | 0.50 |
| PSZ | 137.9 | 224 | Pn | 10:49:44.77 | 0.12 |
| | | | Sn | 49:59.74 | -3.81 |

1236.

2021-08-20 time: 11:36:30.35 UTC ML= 1.2
 lat: 47.572N lon: 16.344E h= 0.0 km
 erh= 1.1km erz= 1.9km
 nr= 18 gap= 78 rms=0.48
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 14.6 | 346 | PgU | 11:36:33.34 | 0.37 |
| | | | Sg | 36:34.71 | -0.30 |
| SOP | 20.3 | 52 | Pg | 11:36:34.14 | 0.16 |
| | | | Sg | 36:36.57 | -0.24 |
| CONA | 53.6 | 318 | Pg | 11:36:40.27 | 0.34 |
| | | | Sg | 36:47.27 | -0.13 |
| ARSA | 71.5 | 240 | Sg | 11:36:52.74 | -0.34 |
| EGYH | 76.4 | 103 | Sg | 11:36:54.54 | -0.10 |
| MPLH | 100.8 | 116 | Sg | 11:37:03.06 | 0.69 |
| MODS | 113.2 | 38 | Pg | 11:36:50.81 | 0.25 |
| | | | Sg | 37:05.67 | -0.65 |
| KOGS | 125.1 | 183 | Sg | 11:37:09.81 | -0.31 |
| BEHE | 126.8 | 165 | Sg | 11:37:10.36 | -0.30 |
| | | | Pn | 11:36:53.19 | -0.68 |
| PKST | 132.2 | 105 | Sn | 37:11.26 | -0.96 |
| | | | Pn | 11:36:57.71 | 0.93 |
| PKSG | 155.6 | 97 | Sn | 37:17.59 | 0.19 |
| | | | Pn | 11:37:17.59 | -2.06* |
| KRUC | 165.7 | 1 | Sn | 11:37:17.59 | -2.06* |

Földrengés paraméterek

Hypocenter Parameters

1237.

2021-08-20 time: 14:45:41.55 UTC ML= 1.5
 lat: 47.527N lon: 16.312E h= 0.0 km
 erh= 3.3km erz= 5.4km
 nr= 12 gap=144 rms=0.85
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 19.3 | 357 | PgU | 14:45:45.34 | 0.36 |
| | | | Sg | 45:47.48 | -0.19 |
| SOP | 25.4 | 47 | PgU | 14:45:46.39 | 0.30 |
| | | | Sg | 45:49.09 | -0.54 |
| CONA | 56.0 | 323 | Pg | 14:45:52.25 | 0.71 |
| | | | Sg | 45:59.83 | 0.49 |
| ARSA | 67.0 | 243 | Sg | 14:46:01.34 | -1.51 |
| EGYH | 77.9 | 99 | Pg | 14:45:56.81 | 1.36 |
| MODS | 118.6 | 37 | Pg | 14:46:02.25 | -0.48 |
| | | | Sg | 46:17.96 | -1.29 |
| KRUC | 170.8 | 2 | Pn | 14:46:09.66 | -0.22 |
| | | | Sn | 46:29.29 | -2.68 |

1238.

2021-08-20 time: 18:29:46.09 UTC ML= 1.9
 lat: 45.535N lon: 16.089E h= 7.7 km
 erh= 2.4km erz= 1.5km
 nr= 20 gap=226 rms=0.55
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PTJ | 41.9 | 346 | Pg | 18:29:53.37 | -0.33 |
| | | | Sg | 30:00.40 | 0.77 |
| CRES | 59.0 | 303 | Pg | 18:29:56.98 | 0.27 |
| | | | Sg | 30:04.41 | -0.59 |
| KOGS | 102.3 | 7 | Pg | 18:30:04.31 | -0.11 |
| | | | Sg | 30:18.47 | -0.24 |
| GROS | 112.6 | 336 | Pn | 18:30:06.21 | 0.03 |
| | | | Sn | 30:20.68 | -1.16 |
| BEHE | 116.8 | 27 | Sn | 18:30:23.15 | 0.37 |
| BLY | 122.6 | 135 | Sn | 18:30:17.93 | -6.14* |
| PERS | 143.7 | 328 | Pn | 18:30:09.70 | -0.35 |
| | | | Sn | 30:30.28 | 1.54 |
| OBKA | 161.1 | 312 | Pn | 18:30:12.03 | -0.20 |
| | | | Sn | 30:32.74 | 0.12 |
| KOVH | 168.0 | 69 | Sn | 18:30:33.13 | -1.01 |
| | | | Pn | 18:30:13.62 | -0.09 |
| PKSV | 173.0 | 77 | Pn | 18:30:13.62 | -0.09 |
| | | | Sn | 30:34.90 | -0.34 |
| PKSM | 212.0 | 69 | Pn | 18:30:19.63 | 1.06 |
| | | | Sn | 30:44.24 | 0.34 |
| MORH | 212.3 | 69 | Pn | 18:30:18.94 | 0.32 |
| RONA | 241.2 | 4 | Pn | 18:30:22.70 | 0.48 |

1239.

2021-08-20 time: 21:59:33.44 UTC ML= 0.8
 lat: 47.749N lon: 16.144E h= 12.5 km
 erh= 1.7km erz= 1.6km
 nr= 13 gap=104 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.7 | 116 | PgD | 21:59:36.86 | 0.24 |
| | | | Sg | 59:38.80 | -0.29 |
| CONA | 29.1 | 313 | Pg | 21:59:39.50 | 0.41 |
| | | | Sg | 59:43.14 | -0.35 |
| SOP | 31.9 | 103 | Sg | 21:59:44.24 | -0.10 |
| WINA | 40.2 | 352 | Pg | 21:59:41.25 | 0.30 |
| | | | Sg | 59:46.10 | -0.71 |
| ARSA | 72.5 | 220 | Pg | 21:59:46.73 | 0.14 |
| | | | Sg | 59:55.92 | -0.92 |
| ABNA | 115.3 | 333 | Pn | 21:59:53.18 | -0.08 |

Sn 22:00:05.66 -3.05*
 KRUC 147.2 7 Pn 21:59:58.04 0.81
 Sn 22:00:14.91 -0.87

1240.

2021-08-21 time: 15:49:56.72 UTC ML= 0.8
 lat: 47.744N lon: 16.146E h= 13.7 km
 erh= 1.8km erz= 1.5km
 nr= 11 gap=107 rms=0.46
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.3 | 114 | PgU | 15:50:00.20 | 0.19 |
| | | | Sg | 50:02.15 | -0.43 |
| CONA | 29.5 | 314 | Pg | 15:50:02.93 | 0.39 |
| | | | Sg | 50:06.75 | -0.32 |
| WINA | 40.7 | 352 | Pg | 15:50:04.68 | 0.28 |
| | | | Sg | 50:09.84 | -0.55 |
| ARSA | 72.2 | 221 | Pg | 15:50:09.90 | 0.05 |
| | | | Sg | 50:19.60 | -0.49 |
| MODS | 109.6 | 50 | Sn | 15:50:29.94 | -0.50 |
| KRUC | 147.7 | 7 | Pn | 15:50:21.21 | 0.80 |
| | | | Sn | 50:37.78 | -1.11 |

1241.

2021-08-23 time: 6:25:25.68 UTC ML= 1.5
 lat: 46.051N lon: 22.827E h= 0.0 km
 erh= 3.6km erz= 7.2km
 nr= 11 gap=118 rms=0.90
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 19.6 | 162 | Pg | 6:25:29.22 | 0.05 |
| | | | Sg | 25:31.83 | -0.07 |
| GZR | 73.2 | 183 | Pg | 6:25:38.80 | 0.04 |
| | | | Sg | 25:47.69 | -1.26 |
| DRGR | 82.8 | 354 | Pg | 6:25:40.87 | 0.41 |
| | | | Sg | 25:50.91 | -1.09 |
| SIRR | 93.3 | 285 | Sg | 6:25:54.31 | -1.04 |
| BZS | 105.7 | 243 | Pg | 6:25:46.49 | 1.93 |
| | | | Sg | 25:58.34 | -0.95 |
| VOIR | 185.9 | 112 | Pn | 6:25:56.57 | 0.67 |
| | | | Sn | 26:18.66 | -0.80 |

1242.

2021-08-23 time: 7:08:52.20 UTC ML= 1.6
 lat: 46.039N lon: 22.846E h= 0.0 km
 erh= 4.8km erz= 6.8km
 nr= 10 gap=118 rms=0.81
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 17.9 | 166 | Pg | 7:08:55.38 | -0.02 |
| | | | Sg | 08:57.99 | 0.09 |
| GZR | 72.0 | 184 | Pg | 7:09:05.02 | -0.04 |
| | | | Sg | 09:14.25 | -0.84 |
| DRGR | 84.3 | 353 | Pg | 7:09:07.73 | 0.48 |
| | | | Sg | 09:17.47 | -1.52 |
| SIRR | 95.1 | 285 | Pg | 7:09:10.47 | 1.29 |
| | | | Sg | 09:20.18 | -2.24 |
| VOIR | 184.1 | 111 | Pn | 7:09:22.42 | 0.22 |
| | | | Sn | 09:45.31 | -0.28 |

Hypocenter Parameters

Földrengés paraméterek

1243.

2021-08-23 time: 7:31:25.75 UTC ML= 1.3
 lat: 46.117N lon: 17.997E h= 0.0 km
 erh= 2.9km erz= 686km
 nr= 12 gap=219 rms=0.57
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KOVH | 8.6 | 112 | PgU | 7:31:27.31 | | | 0.03 |
| | | | Sg | | 31:28.79 | | 0.32 |
| PKSV | 32.2 | 142 | Pg | 7:31:31.63 | | | 0.14 |
| | | | Sg | | 31:35.94 | | -0.03 |
| PKSM | 50.9 | 78 | Pg | 7:31:34.74 | | | -0.10 |
| | | | Sg | | 31:40.98 | | -0.95 |
| MORH | 51.2 | 78 | Pg | 7:31:34.92 | | | 0.03 |
| | | | Sg | | 31:40.80 | | -1.22 |
| PKB5 | 77.9 | 47 | Pg | 7:31:40.40 | | | 0.75 |
| | | | Sg | | 31:51.50 | | 1.00 |
| PKST | 127.0 | 1 | Pg | 7:31:48.25 | | | -0.18 |
| | | | Sg | | 32:04.27 | | -1.86 |

1244.

2021-08-23 time: 7:35:45.89 UTC ML= 1.4
 lat: 46.882N lon: 17.267E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 14 gap=107 rms=0.50
 Locality: Zalaszentő
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|------------|
| MPLH | 38.2 | 33 | Pg | 7:35:52.52 | | | -0.19 |
| | | | Sg | | 35:57.94 | | -0.08 |
| PKST | 71.8 | 54 | Pg | 7:35:59.55 | | | 0.83 |
| | | | Sg | | 36:08.08 | | -0.64 |
| PKSG | 102.4 | 56 | Sg | 7:36:17.82 | | | -0.62 |
| | | | Pg | 7:36:05.37 | | | 0.01 |
| KOVH | 109.0 | 144 | Pg | 7:36:05.37 | | | 0.01 |
| | | | Sg | | 36:20.43 | | -0.11 |
| RONA | 116.8 | 321 | Pg | 7:36:07.08 | | | 0.33 |
| | | | MORH | 129.0 | 125 | Pg | 7:36:09.59 |
| PKSM | 129.1 | 125 | Sg | | 36:26.36 | | -0.55 |
| | | | Pg | 7:36:09.19 | | | 0.24 |
| ARSA | 138.6 | 287 | Sg | | 36:26.36 | | -0.58 |
| | | | Sn | 7:36:27.87 | | | -1.31 |
| GROS | 142.9 | 251 | Sn | 7:36:29.77 | | | -0.37 |

1245.

2021-08-23 time: 10:49:00.69 UTC ML= 1.8
 lat: 47.313N lon: 16.327E h= 0.0 km
 erh= 1.7km erz= 3.9km
 nr= 15 gap= 84 rms=0.78
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------------|
| RONA | 43.0 | 357 | Pg | 10:49:09.13 | | | 0.76 |
| | | | Sg | | 49:14.35 | | -0.01 |
| ARSA | 61.2 | 263 | Sg | 10:49:20.17 | | | 0.02 |
| | | | EGYH | 76.8 | 81 | Sg | 10:49:24.49 |
| CONA | 76.8 | 333 | Pg | 10:49:14.75 | | | 0.35 |
| | | | Sg | | 49:25.39 | | 0.29 |
| MPLH | 93.2 | 100 | Sg | 10:49:29.91 | | | -0.40 |
| | | | KOGS | 96.4 | 183 | Pg | 10:49:19.37 |
| GROS | 113.7 | 214 | Sg | | 49:31.92 | | 0.60 |
| | | | Pg | 10:49:20.37 | | | -0.63 |
| PERS | 119.0 | 231 | Sg | | 49:36.44 | | -0.40 |
| | | | Sg | 10:49:37.54 | | | -0.97 |
| SOKA | 121.2 | 234 | Sg | 10:49:38.15 | | | -1.06 |
| MODS | 137.7 | 31 | Sn | 10:49:42.16 | | | -1.61 |
| KRUC | 194.5 | 1 | Sn | 10:49:55.82 | | | -0.55 |

1246.

2021-08-23 time: 17:31:13.95 UTC ML= 1.3
 lat: 47.597N lon: 16.362E h= 0.0 km
 erh= 2.9km erz= 4.5km
 nr= 12 gap=164 rms=0.70
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------------|
| RONA | 12.4 | 336 | PgU | 17:31:16.59 | | | 0.43 |
| | | | Sg | | 31:17.67 | | -0.21 |
| SOP | 17.5 | 57 | Pg | 17:31:17.57 | | | 0.49 |
| | | | Sg | | 31:20.48 | | 0.96 |
| CONA | 52.6 | 314 | Pg | 17:31:23.99 | | | 0.66 |
| | | | Sg | | 31:31.17 | | 0.52 |
| ARSA | 74.1 | 239 | Pg | 17:31:26.46 | | | -0.73 |
| | | | MODS | 110.1 | 38 | Pg | 17:31:32.91 |
| PERS | 142.7 | 221 | Sg | | 31:47.32 | | -1.61 |
| | | | Pn | 17:31:39.14 | | | 0.36 |
| KRUC | 162.8 | 1 | Pn | 17:31:41.04 | | | -0.25 |
| | | | Sn | | 32:00.67 | | -1.94 |

1247.

2021-08-24 time: 7:23:58.16 UTC ML= 2.0
 lat: 48.532N lon: 17.413E h= 0.0 km
 erh= 1.5km erz= 2.5km
 nr= 9 gap=202 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SMOL | 2.3 | 151 | PgU | 7:23:58.23 | | | -0.35 |
| | | | Sg | | 23:59.13 | | 0.23 |
| MODS | 20.3 | 210 | Pg | 7:24:02.00 | | | 0.22 |
| | | | Sg | | 24:05.11 | | 0.50 |
| ZST | 43.9 | 212 | Pg | 7:24:06.26 | | | 0.26 |
| | | | Sg | | 24:11.84 | | -0.27 |
| KRUC | 95.2 | 308 | Pg | 7:24:15.17 | | | 0.00 |
| RONA | 124.4 | 222 | Sg | 7:24:37.40 | | | -0.32 |
| CONA | 133.4 | 240 | Sn | 7:24:39.61 | | | -0.68 |

1248.

2021-08-24 time: 8:21:03.83 UTC ML= 1.3
 lat: 47.837N lon: 19.119E h= 0.0 km
 erh= 6.2km erz= 835km
 nr= 5 gap=231 rms=0.39
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PENC | 13.2 | 113 | Pg | 8:21:05.93 | | | -0.26 |
| | | | Sg | | 21:08.14 | | 0.12 |
| PSZ | 58.7 | 81 | Sg | 8:21:22.40 | | | -0.08 |
| VYHS | 76.1 | 344 | Pg | 8:21:17.95 | | | 0.54 |
| | | | Sg | | 21:27.42 | | -0.58 |

1249.

2021-08-24 time: 8:52:15.31 UTC ML= 1.0
 lat: 47.190N lon: 18.263E h= 0.0 km
 erh= 2.9km erz= 4.7km
 nr= 11 gap=108 rms=0.93
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKST | 18.9 | 294 | Pg | 8:52:18.92 | | | 0.23 |
| | | | Sg | | 52:21.38 | | 0.06 |
| CSKK | 19.2 | 359 | Pg | 8:52:18.42 | | | -0.32 |
| | | | Sg | | 52:20.18 | | -1.24 |
| PKSG | 24.4 | 23 | Pg | 8:52:21.33 | | | 1.66 |

Földrengés paraméterek

Hypocenter Parameters

Sg 52:24.10 1.04
MORH 112.2 165 Sg 8:52:50.21 -0.77
PKSM 112.6 165 Sg 8:52:50.61 -0.49
KOVH 123.2 186 Sg 8:52:54.73 0.27
PSZ 147.1 57 Sn 8:52:59.70 -0.78
VYHS 151.2 16 Sn 8:52:59.45 -1.93

1250.

2021-08-24 time: 9:08:10.85 UTC ML= 1.8
lat: 47.984N lon: 20.070E h= 0.0 km
erh= 1.9km erz= 1.9km
nr= 16 gap=119 rms=0.60
Locality: Mátraballa
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PSZ | 15.0 | 241 | Pg | 9:08:13.85 | | | 0.32 |
| | | | Sg | 08:16.15 | | | 0.52 |
| PENC | 62.8 | 250 | Pg | 9:08:21.94 | | | -0.12 |
| | | | Sg | 08:30.82 | | | 0.01 |
| KECS | 63.5 | 29 | Sg | 9:08:30.91 | | | -0.12 |
| ABAH | 93.7 | 68 | Sg | 9:08:40.35 | | | -0.28 |
| VYHS | 107.8 | 302 | Pg | 9:08:30.12 | | | 0.03 |
| | | | Sg | 08:44.12 | | | -0.98 |
| PKSN | 121.8 | 187 | Sg | 9:08:47.38 | | | -2.20 |
| PKSG | 142.3 | 242 | Sn | 9:08:54.96 | | | 0.02 |
| CSKK | 152.4 | 243 | Sn | 9:08:56.57 | | | -0.63 |
| PKB2 | 158.5 | 203 | Sn | 9:08:58.88 | | | 0.33 |
| NIE | 160.5 | 6 | Sn | 9:09:01.29 | | | 2.29 |
| PKST | 173.0 | 242 | Sn | 9:09:01.69 | | | -0.07 |
| MORH | 224.4 | 209 | Sn | 9:09:14.33 | | | 1.15 |
| PKSM | 224.9 | 209 | Sn | 9:09:14.53 | | | 1.24 |

1251.

2021-08-24 time: 10:00:17.15 UTC ML= 1.9
lat: 48.189N lon: 16.853E h= 0.0 km
erh= 3.1km erz= 803km
nr= 6 gap=130 rms=0.49
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| ZST | 18.6 | 88 | Pg | 10:00:20.81 | | | 0.34 |
| | | | Sg | 00:22.36 | | | -0.70 |
| MODS | 37.6 | 57 | Pg | 10:00:24.42 | | | 0.55 |
| | | | Sg | 00:28.99 | | | -0.12 |
| RONA | 68.5 | 217 | Sg | 10:00:38.58 | | | -0.34 |
| KRUC | 102.7 | 341 | Sg | 10:00:49.12 | | | -0.69 |

1252.

2021-08-24 time: 16:17:35.67 UTC ML= 0.9
lat: 47.589N lon: 16.343E h= 0.0 km
erh= 0.7km erz= 1.5km
nr= 8 gap=182 rms=0.23
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| RONA | 12.8 | 344 | PgU | 16:17:38.11 | | | 0.14 |
| | | | Sg | 17:39.76 | | | 0.01 |
| SOP | 19.3 | 57 | Pg | 16:17:39.36 | | | 0.24 |
| | | | Sg | 17:41.67 | | | -0.15 |
| CONA | 52.2 | 316 | Sg | 16:17:52.32 | | | 0.05 |
| ARSA | 72.4 | 239 | Sg | 16:17:58.59 | | | -0.09 |
| KRUC | 163.9 | 1 | Pn | 16:18:02.76 | | | -0.38 |
| | | | Sn | 18:22.54 | | | -2.02* |

1253.

2021-08-25 time: 7:55:17.55 UTC ML= 1.7
lat: 48.820N lon: 18.338E h= 0.0 km
erh= 2.7km erz= 3.4km
nr= 11 gap=163 rms=0.68
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 51.6 | 135 | Pg | 7:55:27.10 | | | 0.33 |
| | | | Sg | 55:33.97 | | | 0.01 |
| SMOL | 75.1 | 243 | Pg | 7:55:31.52 | | | 0.55 |
| | | | Sg | 55:40.75 | | | -0.68 |
| MODS | 92.7 | 238 | Pg | 7:55:34.58 | | | 0.49 |
| | | | Sg | 55:46.33 | | | -0.67 |
| MORC | 121.1 | 331 | Pg | 7:55:38.69 | | | -0.48 |
| | | | Sg | 55:54.16 | | | -1.87 |
| PENC | 134.2 | 149 | Sn | 7:55:58.68 | | | -1.18 |
| KRLC | 179.5 | 321 | Pn | 7:55:47.75 | | | 0.79 |
| | | | Sn | 56:10.05 | | | 0.15 |

1254.

2021-08-25 time: 9:49:52.85 UTC ML= 1.7
lat: 48.518N lon: 18.740E h= 0.0 km
erh= 2.4km erz= 3.1km
nr= 17 gap= 69 rms=0.95
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 7.6 | 111 | PgU | 9:49:54.27 | | | 0.06 |
| | | | Sg | 49:55.40 | | | 0.14 |
| LANS | 88.3 | 37 | Sg | 9:50:20.95 | | | 0.02 |
| PENC | 90.4 | 154 | Sg | 9:50:20.70 | | | -0.88 |
| PSZ | 108.7 | 128 | Pg | 9:50:12.97 | | | 0.71 |
| | | | Sg | 50:27.08 | | | -0.31 |
| MODS | 109.4 | 262 | Sg | 9:50:27.93 | | | 0.31 |
| PKSG | 127.9 | 192 | Pg | 9:50:17.49 | | | 1.80 |
| | | | Sg | 50:32.55 | | | -0.96 |
| KECS | 129.1 | 92 | Pg | 9:50:15.98 | | | 0.08 |
| | | | Sg | 50:31.95 | | | -1.93 |
| PNNH | 129.8 | 214 | Sg | 9:50:33.96 | | | -0.16 |
| CSKK | 133.3 | 196 | Sn | 9:50:33.05 | | | -1.91 |
| PKST | 149.6 | 201 | Sn | 9:50:37.37 | | | -1.21 |
| NIE | 152.7 | 49 | Pn | 9:50:20.00 | | | 1.08 |
| | | | Sn | 50:39.68 | | | 0.43 |
| MORC | 165.0 | 328 | Sn | 9:50:40.48 | | | -1.52 |

1255.

2021-08-25 time: 9:53:38.52 UTC ML= 1.6
lat: 48.527N lon: 17.485E h= 0.0 km
erh= 1.3km erz= 171km
nr= 6 gap=275 rms=0.10
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| SMOL | 4.4 | 250 | PgU | 9:53:39.22 | | | -0.08 |
| | | | Sg | 53:39.75 | | | -0.16 |
| MODS | 22.9 | 222 | Pg | 9:53:42.61 | | | 0.00 |
| | | | Sg | 53:46.02 | | | 0.21 |
| KRUC | 99.7 | 307 | Pg | 9:53:56.34 | | | 0.02 |
| | | | Sg | 54:10.28 | | | 0.07 |

Hypocenter Parameters

1256.

 2021-08-25 time: 10:39:54.20 UTC ML= 1.2
 lat: 48.576N lon: 20.749E h= 0.0 km
 erh= 1.4km erz= 1.4km
 nr= 6 gap=224 rms=0.24
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.0 | 242 | Pg | 10:39:58.31 | 0.18 |
| | | | Sg | 40:01.42 | 0.22 |
| ABAH | 47.9 | 131 | Pg | 10:40:02.83 | 0.09 |
| | | | Sg | 40:09.35 | -0.06 |
| PSZ | 96.9 | 221 | Sg | 10:40:24.57 | -0.41 |
| VYHS | 141.6 | 266 | Sn | 10:40:37.67 | -0.47 |

1257.

 2021-08-25 time: 11:43:26.03 UTC ML= 1.3
 lat: 47.926N lon: 16.438E h= 0.0 km
 erh= 3.4km erz= 990km
 nr= 9 gap=151 rms=0.75
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 27.3 | 203 | Pg | 11:43:31.08 | 0.16 |
| | | | Sg | 43:34.59 | -0.14 |
| CONA | 43.1 | 270 | Pg | 11:43:34.39 | 0.66 |
| | | | Sg | 43:39.82 | 0.09 |
| MODS | 79.8 | 51 | Pg | 11:43:41.27 | 0.98 |
| | | | Sg | 43:51.11 | -0.30 |
| ARSA | 101.9 | 222 | Sg | 11:43:56.99 | -1.44 |
| KRUC | 126.3 | 359 | Pg | 11:43:48.10 | -0.49 |
| | | | Sg | 44:04.47 | -1.71 |

1258.

 2021-08-25 time: 13:58:54.33 UTC ML= 1.5
 lat: 47.571N lon: 16.342E h= 0.0 km
 erh= 0.8km erz= 2.0km
 nr= 13 gap= 78 rms=0.30
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| RONA | 14.7 | 346 | PgU | 13:58:57.03 | 0.06 |
| | | | Sg | 58:59.64 | 0.62 |
| SOP | 20.5 | 52 | Pg | 13:58:57.94 | -0.06 |
| | | | Sg | 59:01.05 | 0.20 |
| CONA | 53.7 | 318 | Pg | 13:59:04.06 | 0.14 |
| | | | Sg | 59:10.89 | -0.50 |
| ARSA | 71.3 | 240 | Pg | 13:59:07.44 | 0.37 |
| | | | Sg | 59:16.71 | -0.30 |
| MPLH | 100.8 | 116 | Sg | 13:59:26.52 | 0.15 |
| MODS | 113.3 | 38 | Pg | 13:59:14.41 | -0.16 |
| | | | Sg | 59:29.97 | -0.39 |
| | | | Sg | 59:34.05 | -0.01 |
| KOGS | 125.0 | 183 | Sg | 13:59:34.05 | -0.01 |
| PKST | 132.3 | 105 | Sn | 13:59:35.66 | -0.56 |
| KRUC | 165.9 | 1 | Sn | 13:59:40.92 | -2.75* |

1259.

 2021-08-26 time: 7:10:55.20 UTC ML= 1.5
 lat: 46.014N lon: 22.768E h= 0.0 km
 erh= 1.9km erz= 536km
 nr= 8 gap=147 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|------------|-------|
| DEV | 17.9 | 144 | Pg | 7:10:58.71 | 0.32 |
| | | | Sg | 11:00.31 | -0.57 |

Földrengés paraméterek

| | | | | | |
|------|------|-----|----|------------|-------|
| GZR | 69.0 | 179 | Pg | 7:11:07.54 | 0.03 |
| | | | Sg | 11:17.18 | 0.06 |
| DRGR | 86.6 | 357 | Sg | 7:11:21.90 | -0.83 |
| SIRR | 90.2 | 288 | Sg | 7:11:24.06 | 0.19 |
| BZS | 99.8 | 244 | Pg | 7:11:13.42 | 0.40 |
| | | | Sg | 11:26.37 | -0.55 |

1260.

 2021-08-26 time: 7:30:12.17 UTC ML= 1.3
 lat: 47.980N lon: 16.614E h= 0.0 km
 erh= 2.7km erz= 820km
 nr= 10 gap=139 rms=0.66
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SOP | 33.3 | 187 | Sg | 7:30:22.74 | -0.01 |
| | | | Pg | 7:30:19.76 | 0.59 |
| RONA | 39.2 | 217 | Sg | 30:24.24 | -0.40 |
| | | | Pg | 7:30:22.75 | 0.50 |
| CONA | 56.5 | 264 | Sg | 30:30.17 | 0.05 |
| | | | Pg | 7:30:24.48 | 0.54 |
| MODS | 65.9 | 48 | Sg | 30:33.08 | -0.05 |
| | | | Pg | 7:30:47.44 | -1.40 |
| ARSA | 115.4 | 225 | Sg | 7:30:47.44 | -1.40 |
| KRUC | 121.3 | 352 | Pg | 7:30:33.51 | -0.33 |
| | | | Sg | 30:48.64 | -2.10 |

1261.

 2021-08-26 time: 8:09:55.44 UTC ML= 1.5
 lat: 48.743N lon: 16.382E h= 0.0 km
 erh= 5.6km erz= 2.9km
 nr= 9 gap=158 rms=0.55
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 35.5 | 2 | Pg | 8:10:01.70 | -0.07 |
| | | | Sg | 10:05.82 | -0.89 |
| CONA | 98.5 | 203 | Pg | 8:10:13.45 | 0.43 |
| | | | Sg | 10:25.90 | -0.84 |
| RONA | 116.2 | 183 | Sg | 8:10:32.43 | 0.06 |
| MORC | 142.7 | 36 | Pn | 8:10:21.08 | 0.82 |
| | | | Sn | 10:39.26 | -0.36 |
| KRLC | 151.0 | 11 | Sn | 8:10:40.97 | -0.50 |
| ARSA | 177.9 | 201 | Sn | 8:10:47.89 | 0.45 |

1262.

 2021-08-26 time: 8:23:49.94 UTC ML= 1.6
 lat: 46.045N lon: 22.897E h= 0.0 km
 erh= 2.6km erz= 4.9km
 nr= 10 gap=122 rms=0.49
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.0 | 179 | Pg | 8:23:53.65 | 0.51 |
| | | | Sg | 23:55.97 | 0.33 |
| GZR | 73.0 | 187 | Pg | 8:24:02.89 | -0.09 |
| | | | Sg | 24:12.14 | -1.01 |
| DRGR | 84.2 | 350 | Pg | 8:24:04.90 | -0.08 |
| | | | Sg | 24:16.35 | -0.37 |
| SIRR | 98.8 | 285 | Pg | 8:24:08.02 | 0.45 |
| | | | Sg | 24:21.07 | -0.26 |
| BZS | 110.3 | 244 | Sg | 8:24:22.22 | -2.78 |
| VOIR | 180.6 | 112 | Sn | 8:24:42.61 | 0.07 |

Földrengés paraméterek

Hypocenter Parameters

1263.

2021-08-26 time: 8:54:39.71 UTC ML= 1.4
 lat: 48.585N lon: 20.703E h= 0.0 km
 erh= 3.9km erz= 7.7km
 nr= 10 gap= 90 rms=1.11
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 19.7 | 235 | Pg | 8:54:43.06 | -0.16 |
| | | | Sg | 54:46.17 | 0.20 |
| ABAH | 51.1 | 129 | Pg | 8:54:49.58 | 0.75 |
| | | | Sg | 54:56.52 | 0.58 |
| PSZ | 95.5 | 219 | Pg | 8:54:57.21 | 0.46 |
| | | | Sg | 55:08.77 | -1.28 |
| NIE | 97.0 | 343 | Pg | 8:54:58.53 | 1.51 |
| | | | Sg | 55:08.91 | -1.62 |
| KOLS | 121.7 | 71 | Sg | 8:55:15.74 | -2.66 |
| VYHS | 138.3 | 266 | Sn | 8:55:21.72 | -1.19 |

1264.

2021-08-26 time: 8:56:02.55 UTC ML= 1.1
 lat: 47.345N lon: 18.458E h= 0.0 km
 erh= 1.9km erz= 2.6km
 nr= 10 gap=114 rms=0.66
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.0 | 278 | Pg | 8:56:05.27 | 0.04 |
| | | | Sg | 56:07.17 | -0.16 |
| PKST | 33.4 | 253 | Pg | 8:56:09.34 | 0.82 |
| | | | Sg | 56:12.80 | -0.37 |
| PSZ | 125.4 | 59 | Sg | 8:56:43.38 | 0.98 |
| MORH | 126.4 | 174 | Sg | 8:56:42.62 | -0.09 |
| PKSM | 126.8 | 174 | Sg | 8:56:42.17 | -0.68 |
| VYHS | 130.8 | 12 | Sn | 8:56:43.57 | -0.53 |
| KOVH | 142.4 | 191 | Sn | 8:56:46.18 | -0.49 |
| MODS | 144.5 | 322 | Sn | 8:56:44.07 | -3.07 |

1265.

2021-08-26 time: 9:57:58.33 UTC ML= 2.0
 lat: 48.238N lon: 21.245E h= 0.0 km
 erh= 1.6km erz= 1.7km
 nr= 14 gap=101 rms=0.55
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 6.4 | 356 | Pg | 9:57:59.49 | 0.01 |
| | | | Sg | 58:01.00 | 0.62 |
| KECS | 62.5 | 296 | Pg | 9:58:09.69 | 0.19 |
| | | | Sg | 58:17.02 | -1.18 |
| PSZ | 106.7 | 251 | Pg | 9:58:17.62 | 0.23 |
| | | | Sg | 58:31.12 | -1.14 |
| LTVH | 106.9 | 153 | Sg | 9:58:32.48 | 0.18 |
| KOLS | 108.3 | 44 | Pg | 9:58:17.77 | 0.10 |
| | | | Sg | 58:31.73 | -1.02 |
| STHS | 131.0 | 360 | Sn | 9:58:39.26 | -0.68 |
| NIE | 148.0 | 332 | Sn | 9:58:43.78 | 0.07 |
| LANS | 165.5 | 308 | Sn | 9:58:48.20 | 0.60 |
| VYHS | 180.7 | 279 | Sn | 9:58:51.91 | 0.94 |
| DRGR | 195.1 | 146 | Sn | 9:58:54.22 | 0.06 |

1266.

2021-08-26 time: 9:59:02.50 UTC ML= 1.8
 lat: 48.215N lon: 21.258E h= 0.0 km
 erh= 4.3km erz= 751km
 nr= 5 gap=202 rms=0.34
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 9.1 | 351 | Pg | 9:59:04.25 | 0.13 |
| | | | Sg | 59:05.25 | -0.13 |
| KECS | 64.5 | 297 | Pg | 9:59:14.39 | 0.36 |
| | | | Sg | 59:22.32 | -0.69 |
| TRPA | 95.8 | 96 | Sg | 9:59:32.66 | -0.28 |

1267.

2021-08-26 time: 11:09:58.48 UTC ML= 1.3
 lat: 48.510N lon: 20.777E h= 0.0 km
 erh= 2.0km erz= 268km
 nr= 5 gap=206 rms=0.13
 Locality: Tornaszentandrás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.7 | 262 | Pg | 11:10:02.30 | -0.06 |
| | | | Sg | 10:05.57 | 0.19 |
| PSZ | 92.9 | 225 | Pg | 11:10:15.16 | 0.10 |
| | | | Sg | 10:27.71 | -0.29 |
| STHS | 106.5 | 19 | Pg | 11:10:17.47 | -0.02 |

1268.

2021-08-26 time: 12:13:35.05 UTC ML= 0.8
 lat: 47.923N lon: 16.072E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 6 gap=135 rms=0.97
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.8 | 272 | Pg | 12:13:38.90 | 1.03 |
| | | | Sg | 13:39.97 | -0.09 |
| RONA | 30.0 | 146 | Pg | 12:13:40.71 | 0.31 |
| | | | Sg | 13:44.64 | 0.07 |
| ARSA | 85.4 | 209 | Sg | 12:14:01.19 | -1.01 |
| KRUC | 128.9 | 11 | Sg | 12:14:13.63 | -2.39 |

1269.

2021-08-27 time: 5:24:57.58 UTC ML= 0.5
 lat: 47.317N lon: 18.265E h= 0.0 km
 erh= 1.5km erz= 277km
 nr= 6 gap=201 rms=0.16
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.1 | 356 | Pg | 5:24:58.42 | -0.07 |
| | | | Sg | 24:59.23 | 0.03 |
| PKSG | 12.6 | 49 | Pg | 5:25:00.00 | 0.17 |
| | | | Sg | 25:01.48 | -0.11 |
| PKST | 18.6 | 250 | Pg | 5:25:00.71 | -0.19 |
| | | | Sg | 25:03.79 | 0.30 |

1270.

2021-08-27 time: 7:56:29.96 UTC ML= 1.1
 lat: 47.200N lon: 18.295E h= 0.0 km
 erh= 1.1km erz= 2.9km
 nr= 9 gap=151 rms=0.39
 Locality: Székesfehérvár
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 18.4 | 352 | Pg | 7:56:33.70 | 0.45 |
| | | | Sg | 56:35.61 | -0.20 |
| PKST | 20.8 | 289 | Pg | 7:56:33.90 | 0.22 |
| | | | Sg | 56:36.51 | -0.06 |
| MPLH | 57.3 | 267 | Sg | 7:56:47.66 | -0.52 |
| MORH | 112.6 | 166 | Sg | 7:57:05.94 | 0.20 |
| PKSM | 112.9 | 166 | Sg | 7:57:05.94 | 0.08 |
| KOVH | 124.4 | 187 | Sg | 7:57:09.05 | -0.46 |
| VYHS | 149.5 | 16 | Sn | 7:57:14.56 | -1.11 |

1271.

2021-08-27 time: 7:58:20.53 UTC ML= 1.2
 lat: 46.139N lon: 17.968E h= 0.0 km
 erh= 2.5km erz= 4.0km
 nr= 13 gap=202 rms=0.55
 Locality: Dinnyeberki
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 11.7 | 119 | Pg | 7:58:22.67 | 0.06 |
| | | | Sg | 58:24.08 | -0.16 |
| PKSV | 35.5 | 142 | Pg | 7:58:26.94 | 0.07 |
| | | | Sg | 58:31.26 | -0.56 |
| PKSM | 52.7 | 81 | Pg | 7:58:30.00 | 0.07 |
| | | | Sg | 58:37.03 | -0.24 |
| MORH | 52.9 | 81 | Pg | 7:58:30.15 | 0.17 |
| | | | Sg | 58:36.68 | -0.68 |
| PKB5 | 77.9 | 49 | Pg | 7:58:35.72 | 1.29 |
| | | | Sg | 58:45.62 | 0.35 |
| MPLH | 119.2 | 344 | Sg | 7:58:57.72 | -0.70 |
| PKST | 124.6 | 2 | Sg | 7:58:58.72 | -1.41 |
| CSKK | 137.9 | 9 | Sn | 7:59:03.69 | 0.04 |

1272.

2021-08-27 time: 8:13:44.68 UTC ML= 1.1
 lat: 46.185N lon: 18.283E h= 0.0 km
 erh= 1.5km erz= 407km
 nr= 9 gap=127 rms=0.31
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.8 | 233 | Pg | 8:13:48.05 | 0.19 |
| | | | Sg | 13:50.42 | 0.07 |
| PKSM | 27.8 | 84 | Pg | 8:13:49.86 | 0.21 |
| | | | Sg | 13:53.03 | -0.49 |
| MORH | 28.1 | 83 | Pg | 8:13:50.06 | 0.37 |
| | | | Sg | 13:53.33 | -0.27 |
| PKSV | 33.1 | 184 | Pg | 8:13:50.56 | -0.03 |
| | | | Sg | 13:54.89 | -0.31 |
| PKS9 | 44.7 | 360 | Sg | 8:13:58.10 | -0.78 |

1273.

2021-08-27 time: 9:14:42.12 UTC ML= 2.1
 lat: 48.621N lon: 20.787E h= 0.0 km
 erh= 2.2km erz= 2.6km
 nr= 8 gap=172 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 27.0 | 235 | Pg | 9:14:47.06 | 0.11 |
| | | | Sg | 14:50.88 | 0.16 |
| ABAH | 49.3 | 137 | Pg | 9:14:51.83 | 0.91 |
| | | | Sg | 14:57.81 | 0.03 |
| PSZ | 102.5 | 220 | Sg | 9:15:13.87 | -0.82 |
| LANS | 113.3 | 301 | Pg | 9:15:02.53 | 0.19 |
| TRPA | 140.8 | 113 | Sn | 9:15:24.27 | -1.62 |
| VYHS | 144.7 | 264 | Sn | 9:15:25.57 | -1.19 |

1274.

2021-08-27 time: 9:21:03.02 UTC ML= 0.9
 lat: 47.220N lon: 18.312E h= 0.0 km
 erh= 1.2km erz= 262km
 nr= 6 gap=181 rms=0.15
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 16.4 | 346 | Pg | 9:21:06.17 | 0.23 |
| | | | Sg | 21:07.89 | -0.33 |
| PKST | 21.4 | 282 | Pg | 9:21:06.86 | 0.01 |
| | | | Sg | 21:09.74 | -0.10 |
| MORH | 114.5 | 167 | Pg | 9:21:23.48 | 0.01 |
| | | | Sg | 21:39.31 | -0.11 |

1275.

2021-08-27 time: 10:19:34.20 UTC ML= 1.7
 lat: 46.919N lon: 22.805E h= 0.0 km
 erh= 4.7km erz= 2.6km
 nr= 8 gap=310 rms=0.37
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 15.9 | 207 | Pg | 10:19:37.04 | 0.00 |
| | | | Sg | 19:39.75 | 0.50 |
| SIRR | 113.8 | 230 | Pg | 10:19:54.21 | -0.31 |
| | | | Sg | 20:09.97 | -0.40 |
| GZR | 169.6 | 181 | Pn | 10:20:02.73 | 0.35 |
| | | | Sn | 20:23.42 | -0.95 |
| BZS | 171.3 | 212 | Pn | 10:20:02.64 | 0.04 |
| | | | Sn | 20:25.32 | 0.57 |

1276.

2021-08-27 time: 10:21:09.44 UTC ML= 1.3
 lat: 48.501N lon: 17.476E h= 0.0 km
 erh= 1.3km erz= 4.0km
 nr= 10 gap=129 rms=0.41
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 3.8 | 293 | Pg | 10:21:09.69 | -0.42 |
| | | | Sg | 21:10.64 | 0.01 |
| MODS | 20.4 | 226 | Pg | 10:21:13.41 | 0.34 |
| | | | Sg | 21:15.76 | -0.15 |
| ZST | 43.7 | 219 | Sg | 10:21:22.92 | -0.41 |
| VYHS | 100.6 | 90 | Pg | 10:21:27.51 | 0.12 |
| | | | Sg | 21:41.37 | -0.03 |
| KRUC | 101.0 | 308 | Pg | 10:21:28.12 | 0.65 |
| | | | Sg | 21:41.27 | -0.26 |
| MORC | 142.0 | 2 | Sn | 10:21:52.24 | -1.23 |

1277.

2021-08-27 time: 10:40:40.27 UTC ML= 1.1
 lat: 47.579N lon: 18.381E h= 0.0 km
 erh= 3.3km erz= 793km
 nr= 10 gap=159 rms=0.66
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 20.9 | 178 | Pg | 10:40:44.61 | 0.62 |
| | | | Sg | 40:47.32 | 0.42 |
| CSKK | 25.7 | 201 | Pg | 10:40:44.76 | -0.09 |
| | | | Sg | 40:48.28 | -0.15 |
| SRO | 26.5 | 349 | Sg | 10:40:49.93 | 1.24 |
| PKST | 44.2 | 216 | Pg | 10:40:47.93 | -0.22 |
| | | | Sg | 40:54.20 | -0.11 |

Földrengés paraméterek

VYHS 107.2 18 Pg 10:40:59.58 0.17
 Sg 41:12.78 -1.57
 MODS 120.8 317 Sg 10:41:17.10 -1.55

1278.

2021-08-27 time: 16:04:09.23 UTC ML= 1.0
 lat: 47.552N lon: 16.323E h= 0.0 km
 erh= 8.5km erz= 5.5km
 nr= 6 gap=190 rms=0.98
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SOP | 22.9 | 51 | Pg | 16:04:14.21 | 0.89 |
| | | | Sg | 04:16.92 | 0.41 |
| ARSA | 69.1 | 241 | Sg | 16:04:30.38 | -0.81 |
| MODS | 115.8 | 38 | Sg | 16:04:43.94 | -2.11 |
| KRUC | 167.9 | 2 | Pn | 16:04:37.81 | 0.60 |
| | | | Sn | 04:58.10 | -0.92 |

1279.

2021-08-28 time: 0:45:43.13 UTC ML= 1.2
 lat: 46.224N lon: 19.100E h= 5.6 km
 erh= 0.9km erz= 1.0km
 nr= 27 gap=200 rms=0.29
 Locality: Rém
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKB3 | 23.4 | 18 | Pg | 0:45:47.49 | 0.07 |
| | | | Sg | 45:50.85 | 0.08 |
| PKS2 | 31.1 | 16 | PgD | 0:45:48.96 | 0.20 |
| | | | Sg | 45:53.01 | -0.15 |
| MORH | 35.2 | 269 | PgU | 0:45:49.76 | 0.27 |
| | | | Sg | 45:54.38 | -0.07 |
| PKSM | 35.4 | 268 | Pg | 0:45:49.80 | 0.27 |
| | | | Sg | 45:54.41 | -0.12 |
| PKB4 | 48.7 | 308 | Pg | 0:45:52.08 | 0.19 |
| | | | Sg | 45:58.82 | 0.10 |
| PKB5 | 49.9 | 326 | Pg | 0:45:52.28 | 0.19 |
| | | | Sg | 45:58.93 | -0.15 |
| PKB2 | 51.2 | 12 | Pg | 0:45:52.47 | 0.14 |
| | | | Sg | 45:59.42 | -0.09 |
| PKS6 | 55.0 | 41 | Pg | 0:45:52.69 | -0.30 |
| | | | Sg | 46:00.14 | -0.55 |
| PKB1 | 66.6 | 339 | Pg | 0:45:54.92 | -0.15 |
| | | | Sg | 46:03.98 | -0.40 |
| PKS9 | 75.0 | 303 | Pg | 0:45:57.67 | 1.12 |
| | | | Sg | 46:06.76 | -0.26 |
| PKSV | 75.5 | 240 | Pg | 0:45:56.78 | 0.14 |
| | | | Sg | 46:06.74 | -0.44 |
| KOVH | 78.7 | 259 | Pg | 0:45:56.98 | -0.24 |
| | | | Sg | 46:07.31 | -0.90 |
| PKSG | 140.7 | 337 | Sn | 0:46:26.26 | 0.67 |
| PKST | 141.0 | 325 | Sn | 0:46:25.60 | -0.06 |
| MPLH | 159.1 | 311 | Sn | 0:46:29.55 | -0.13 |

1280.

2021-08-28 time: 8:42:51.35 UTC ML= 1.1
 lat: 46.170N lon: 18.297E h= 0.0 km
 erh= 0.5km erz= 103km
 nr= 8 gap=200 rms=0.07
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.7 | 239 | Pg | 8:42:54.47 | -0.04 |
| | | | Sg | 42:56.97 | -0.01 |
| PKSM | 27.0 | 80 | Pg | 8:42:56.23 | 0.06 |
| | | | Sg | 42:59.83 | -0.09 |
| MORH | 27.3 | 79 | Pg | 8:42:56.28 | 0.06 |
| | | | Sg | 42:59.56 | -0.46 |

Hypocenter Parameters

PKSV 31.4 186 Pg 8:42:56.97 0.01
 Sg 43:01.34 0.00

1281.

2021-08-28 time: 12:33:59.43 UTC ML= 1.9
 lat: 45.550N lon: 16.407E h= 4.2 km
 erh= 2.4km erz= 2.1km
 nr= 21 gap=147 rms=0.80
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 44.7 | 314 | Sg | 12:34:14.17 | 0.47 |
| PTJ | 52.3 | 318 | Pg | 12:34:08.95 | 0.15 |
| | | | Sg | 34:15.39 | -0.72 |
| CRES | 80.1 | 293 | Sg | 12:34:24.43 | -0.50 |
| KOGS | 100.6 | 353 | Pg | 12:34:18.39 | 0.98 |
| | | | Sg | 34:30.44 | -0.99 |
| BEHE | 106.2 | 16 | Pg | 12:34:18.19 | -0.22 |
| | | | Sg | 34:32.46 | -0.76 |
| BLY | 108.0 | 146 | Pg | 12:34:18.71 | -0.02 |
| | | | Sg | 34:32.25 | -1.53 |
| GROS | 123.2 | 325 | Pn | 12:34:21.40 | 0.11 |
| | | | Sn | 34:36.88 | -1.46 |
| KOVH | 144.6 | 66 | Pn | 12:34:25.32 | 1.36 |
| | | | Sn | 34:42.09 | -1.00 |
| PKSV | 148.5 | 75 | Pn | 12:34:25.22 | 0.76 |
| | | | Sn | 34:42.39 | -1.58 |
| PERS | 156.6 | 320 | Pn | 12:34:26.42 | 0.96 |
| | | | Sn | 34:45.40 | -0.36 |
| SOKA | 164.3 | 320 | Sn | 12:34:47.43 | -0.05 |
| PKSM | 188.4 | 67 | Sn | 12:34:53.55 | 0.72 |
| MORH | 188.8 | 67 | Sn | 12:34:53.20 | 0.29 |

1282.

2021-08-29 time: 6:41:45.51 UTC ML= 2.1
 lat: 45.896N lon: 16.024E h= 8.2 km
 erh= 1.6km erz= 1.1km
 nr= 30 gap= 54 rms=0.63
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PTJ | 5.2 | 275 | Pg | 6:41:47.14 | -0.10 |
| | | | Sg | 41:48.31 | -0.28 |
| ZAG | 7.8 | 198 | Pg | 6:41:47.49 | -0.04 |
| | | | Sg | 41:48.53 | -0.57 |
| GCIS | 31.0 | 264 | iPg | 6:41:51.58 | 0.35 |
| GOLS | 33.5 | 292 | iPg | 6:41:52.18 | 0.50 |
| CRES | 44.8 | 260 | Pg | 6:41:53.82 | 0.18 |
| | | | Sg | 41:59.94 | -0.04 |
| DOBS | 51.4 | 303 | iPgC | 6:41:55.29 | 0.48 |
| KOGS | 63.8 | 16 | Pg | 6:41:56.98 | -0.02 |
| | | | Sg | 42:05.43 | -0.53 |
| BOJS | 74.3 | 234 | iPg | 6:41:58.67 | -0.18 |
| GROS | 74.7 | 327 | iPgD | 6:41:58.90 | -0.02 |
| PDKS | 81.7 | 283 | iPg | 6:42:00.29 | 0.12 |
| BEHE | 86.2 | 42 | Pg | 6:42:01.92 | 0.94 |
| | | | Sg | 42:12.02 | -1.03 |
| SOKA | 115.8 | 319 | Pn | 6:42:05.50 | -0.43 |
| | | | Sn | 42:19.67 | -2.19 |
| OBKA | 132.7 | 301 | Pn | 6:42:08.17 | 0.12 |
| | | | Sn | 42:24.87 | -0.76 |
| ARSA | 155.4 | 346 | Pn | 6:42:11.39 | 0.51 |
| | | | Sn | 42:31.40 | 0.74 |
| BLY | 156.6 | 145 | Sn | 6:42:30.04 | -0.88 |
| KOVH | 162.2 | 82 | Sn | 6:42:32.87 | 0.70 |
| PKSV | 172.9 | 90 | Pn | 6:42:11.48 | -1.58 |
| | | | Sn | 42:35.06 | 0.51 |
| RONA | 201.6 | 6 | Pn | 6:42:16.67 | 0.03 |
| PKSM | 205.5 | 80 | Pn | 6:42:20.88 | 3.75 |
| | | | Sn | 42:46.68 | 4.89* |
| MORH | 205.8 | 80 | Pn | 6:42:17.66 | 0.50 |

Hypocenter Parameters

Földrengés paraméterek

MOA 255.2 328 Sn 42:46.92 5.07*
 Sn 6:42:52.75 -0.07

1284.

1283.

2021-08-29 time: 21:57:28.57 UTC ML= 2.1
 lat: 47.785N lon: 18.133E h= 7.7 km
 erh= 1.3km erz= 1.2km
 nr= 62 gap= 66 rms=0.93
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SRO | 13.9 | 77 | PgU | 21:57:31.46 | 0.06 |
| | | | Sg | 57:33.55 | -0.06 |
| A338 | 30.4 | 33 | PgD | 21:57:35.00 | 0.83 |
| | | | Sg | 57:40.22 | 1.68 |
| PNNH | 38.1 | 227 | PgD | 21:57:36.01 | 0.50 |
| | | | Sg | 57:41.58 | 0.67 |
| PKSG | 47.8 | 156 | Pg | 21:57:39.24 | 2.02 |
| | | | Sg | 57:45.70 | 1.73 |
| CSKK | 47.9 | 168 | Pg | 21:57:37.00 | -0.23 |
| | | | Sg | 57:43.08 | -0.90 |
| PKST | 59.0 | 187 | Pg | 21:57:38.44 | -0.75 |
| | | | Sg | 57:46.56 | -0.91 |
| EGYH | 72.8 | 236 | PgU | 21:57:41.99 | 0.34 |
| BUD | 74.9 | 117 | Pg | 21:57:41.62 | -0.39 |
| | | | Sg | 57:50.46 | -2.03 |
| PBUD | 75.0 | 118 | Sg | 21:57:50.84 | -1.71 |
| MPLH | 81.7 | 213 | Pg | 21:57:42.95 | -0.28 |
| | | | Sg | 57:54.27 | -0.39 |
| PENC | 86.1 | 90 | Pg | 21:57:43.63 | -0.37 |
| | | | Sg | 57:54.27 | -1.77 |
| MODS | 91.4 | 316 | Pg | 21:57:45.16 | 0.21 |
| | | | Sg | 57:56.98 | -0.74 |
| VYHS | 94.6 | 34 | Pg | 21:57:45.14 | -0.39 |
| | | | Sg | 57:56.58 | -2.17 |
| SMOL | 96.5 | 327 | Pg | 21:57:46.09 | 0.23 |
| | | | Sg | 57:58.34 | -1.01 |
| SOP | 118.7 | 265 | Pn | 21:57:50.10 | 0.67 |
| | | | Sn | 58:04.60 | -1.09 |
| PKB1 | 121.9 | 156 | Pn | 21:57:49.89 | 0.06 |
| | | | Sn | 58:04.65 | -1.76 |
| PSZ | 132.7 | 84 | Pn | 21:57:51.22 | 0.05 |
| | | | Sn | 58:07.74 | -1.06 |
| PKS9 | 133.6 | 175 | Pn | 21:57:51.74 | 0.45 |
| | | | Sn | 58:08.54 | -0.48 |
| RONA | 138.1 | 266 | Pn | 21:57:51.68 | -0.17 |
| | | | Sn | 58:10.18 | 0.18 |
| PKB5 | 140.0 | 161 | Pn | 21:57:52.68 | 0.60 |
| | | | Sn | 58:10.07 | -0.35 |
| PKB4 | 147.6 | 166 | Pn | 21:57:53.42 | 0.38 |
| | | | Sn | 58:12.06 | -0.06 |
| PKB2 | 149.3 | 146 | Sn | 21:58:12.31 | -0.19 |
| WINA | 158.0 | 283 | Pn | 21:57:54.05 | -0.28 |
| | | | Sn | 58:12.74 | -1.68 |
| PKS2 | 165.5 | 150 | Sn | 21:58:16.61 | 0.53 |
| CONA | 170.7 | 275 | Sn | 21:58:18.66 | 1.41 |
| PKB3 | 171.4 | 152 | Pn | 21:57:58.10 | 2.09 |
| | | | Sn | 58:18.05 | 0.64 |
| MORH | 178.7 | 167 | Pn | 21:57:56.29 | -0.63 |
| | | | Sn | 58:19.88 | 0.86 |
| PKSM | 179.1 | 168 | Pn | 21:57:56.29 | -0.67 |
| | | | Sn | 58:19.90 | 0.79 |
| LANS | 181.1 | 33 | Pn | 21:57:59.33 | 2.12 |
| KOVH | 188.6 | 181 | Pn | 21:57:57.87 | -0.28 |
| | | | Sn | 58:22.59 | 1.37 |
| KECS | 191.5 | 66 | Pn | 21:57:59.06 | 0.55 |
| KRUC | 191.6 | 318 | Pn | 21:57:59.69 | 1.17 |
| ARSA | 205.4 | 253 | Pn | 21:57:59.04 | -1.20 |
| | | | Sn | 58:22.90 | -2.04 |
| KOGS | 206.2 | 224 | Pn | 21:58:04.35 | 4.01 |
| PKSV | 211.0 | 178 | Pn | 21:58:01.79 | 0.85 |
| ABNA | 223.5 | 296 | Pn | 21:58:01.22 | -1.27 |
| | | | Sn | 58:27.15 | -1.80 |

2021-08-30 time: 5:15:26.42 UTC ML= 0.7
 lat: 47.325N lon: 18.271E h= 0.5 km
 erh= 2.3km erz=23.0km
 nr= 7 gap=197 rms=0.63
 Locality: Söréd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 4.4 | 350 | Pg | 5:15:26.39 | -0.81 |
| | | | Sg | 15:26.83 | -0.98 |
| PKSG | 11.8 | 50 | Pg | 5:15:29.13 | 0.61 |
| | | | Sg | 15:30.74 | 0.58 |
| PKST | 19.3 | 248 | Pg | 5:15:29.78 | -0.08 |
| | | | Sg | 15:32.66 | 0.11 |
| PNNH | 46.0 | 303 | Sg | 5:15:41.85 | 0.80 |

1285.

2021-08-30 time: 6:57:14.35 UTC ML= 1.7
 lat: 48.427N lon: 17.232E h= 0.0 km
 erh= 1.4km erz= 527km
 nr= 11 gap= 98 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 6.8 | 150 | Pg | 6:57:15.62 | 0.05 |
| | | | Sg | 57:16.72 | 0.20 |
| SMOL | 17.5 | 56 | Pg | 6:57:17.02 | -0.45 |
| | | | Sg | 57:20.24 | 0.34 |
| ZST | 27.4 | 200 | Pg | 6:57:19.23 | -0.01 |
| | | | Sg | 57:22.14 | -0.92 |
| KRUC | 93.6 | 319 | Pg | 6:57:31.15 | 0.08 |
| | | | Sg | 57:44.40 | 0.28 |
| RONA | 106.8 | 221 | Pg | 6:57:33.69 | 0.27 |
| | | | Sg | 57:49.36 | 1.07 |
| CONA | 116.0 | 241 | Sg | 6:57:50.39 | -0.83 |

1286.

2021-08-30 time: 11:24:01.25 UTC ML= 1.3
 lat: 48.382N lon: 19.831E h= 0.0 km
 erh= 1.8km erz= 557km
 nr= 8 gap=105 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.7 | 77 | Pg | 11:24:10.64 | 0.51 |
| | | | Sg | 24:17.07 | 0.01 |
| PSZ | 51.7 | 175 | Pg | 11:24:10.68 | 0.20 |
| | | | Sg | 24:17.27 | -0.42 |
| VYHS | 74.7 | 280 | Pg | 11:24:14.76 | 0.18 |
| | | | Sg | 24:24.80 | -0.18 |
| ABAH | 104.9 | 95 | Pg | 11:24:19.61 | -0.36 |
| NIE | 120.6 | 17 | Sg | 11:24:38.19 | -1.40 |

1287.

2021-08-31 time: 6:33:54.79 UTC ML= 1.4
 lat: 46.031N lon: 22.792E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 8 gap=156 rms=0.80
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|------------|-------|
| DEV | 18.5 | 152 | Pg | 6:33:57.89 | -0.21 |
| | | | Sg | 34:00.80 | 0.13 |
| GZR | 70.9 | 181 | Pg | 6:34:07.02 | -0.42 |
| | | | Sg | 34:16.66 | -0.65 |

Földrengés paraméterek

Hypocenter Parameters

DRGR 84.8 356 Pg 6:34:11.24 1.31
 Sg 34:19.28 -2.47
 BZS 102.3 243 Pg 6:34:13.35 0.30
 Sg 34:27.31 0.01

1288.

2021-08-31 time: 6:49:49.45 UTC ML= 1.6
 lat: 47.921N lon: 19.117E h= 0.0 km
 erh= 4.7km erz= ***km
 nr= 5 gap=141 rms=0.52

Locality: Rétság
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 19.1 | 140 | Pg | 6:49:52.97 | 0.11 |
| | | | Sg | 49:54.88 | -0.64 |
| A338 | 58.0 | 280 | Sg | 6:50:08.38 | 0.49 |
| PSZ | 58.2 | 90 | Sg | 6:50:08.59 | 0.65 |
| VYHS | 67.0 | 342 | Sg | 6:50:09.99 | -0.76 |

1289.

2021-08-31 time: 7:31:36.09 UTC ML= 1.4
 lat: 47.094N lon: 18.014E h= 0.0 km
 erh= 2.1km erz= 3.3km
 nr= 13 gap=107 rms=0.62

Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 18.4 | 5 | Pg | 7:31:38.88 | -0.49 |
| | | | Sg | 31:41.69 | -0.24 |
| CSKK | 35.2 | 32 | Pg | 7:31:42.47 | 0.09 |
| | | | Sg | 31:46.49 | -0.80 |
| MPLH | 37.0 | 283 | Sg | 7:31:48.42 | 0.58 |
| PKSG | 43.7 | 41 | Pg | 7:31:45.59 | 1.70 |
| MORH | 108.9 | 154 | Pg | 7:31:55.55 | 0.01 |
| | | | Sg | 32:11.21 | 0.50 |
| PKSM | 109.2 | 154 | Pg | 7:31:55.55 | -0.04 |
| | | | Sg | 32:10.41 | -0.40 |
| KOVH | 112.0 | 177 | Sg | 7:32:10.81 | -0.89 |
| RONA | 146.1 | 297 | Sn | 7:32:20.68 | -0.35 |
| PSZ | 168.7 | 57 | Sn | 7:32:26.21 | 0.16 |

1290.

2021-08-31 time: 7:39:45.56 UTC ML= 1.7
 lat: 46.030N lon: 22.881E h= 0.0 km
 erh= 2.9km erz= 5.5km
 nr= 10 gap=183 rms=0.66

Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 16.4 | 174 | Pg | 7:39:48.95 | 0.46 |
| | | | Sg | 39:51.51 | 0.73 |
| GZR | 71.3 | 187 | Pg | 7:39:58.17 | -0.12 |
| | | | Sg | 40:07.36 | -0.85 |
| DRGR | 85.6 | 351 | Pg | 7:40:00.63 | -0.22 |
| | | | Sg | 40:11.70 | -1.08 |
| SIRR | 98.0 | 286 | Pg | 7:40:04.07 | 1.02 |
| | | | Sg | 40:16.40 | -0.30 |
| BZS | 108.5 | 245 | Sg | 7:40:19.01 | -1.03 |
| LTVH | 168.2 | 334 | Sn | 7:40:35.68 | 0.27 |

1291.

2021-08-31 time: 7:46:16.81 UTC ML= 0.9
 lat: 45.827N lon: 18.443E h= 0.0 km
 erh= 0.7km erz= 106km
 nr= 7 gap=275 rms=0.07

Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 16.3 | 295 | Pg | 7:46:19.78 | 0.05 |
| | | | Sg | 46:21.99 | -0.01 |
| KOVH | 39.4 | 318 | Sg | 7:46:29.27 | -0.06 |
| PKSM | 45.4 | 20 | Pg | 7:46:25.00 | 0.07 |
| | | | Sg | 46:31.30 | 0.04 |
| MORH | 45.9 | 20 | Pg | 7:46:24.90 | -0.12 |
| | | | Sg | 46:31.43 | 0.02 |

1292.

2021-08-31 time: 8:23:07.11 UTC ML= 1.5
 lat: 48.503N lon: 17.472E h= 0.0 km
 erh= 3.1km erz= 4.2km
 nr= 12 gap=126 rms=1.11

Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 3.4 | 291 | Pg | 8:23:08.51 | 0.79 |
| | | | Sg | 23:09.16 | 0.97 |
| MODS | 20.3 | 225 | Pg | 8:23:11.82 | 1.07 |
| | | | Sg | 23:15.58 | 2.00 |
| KRUC | 100.6 | 308 | Sg | 8:23:38.78 | -0.31 |
| VYHS | 100.9 | 91 | Pg | 8:23:25.48 | 0.36 |
| | | | Sg | 23:39.01 | -0.16 |
| SOP | 113.7 | 217 | Sg | 8:23:41.42 | -1.85 |
| RONA | 125.1 | 224 | Sg | 8:23:45.03 | -1.84 |
| CONA | 135.6 | 242 | Pn | 8:23:30.92 | -0.14 |
| | | | Sn | 23:48.10 | -1.64 |
| MORC | 141.8 | 2 | Sn | 8:23:49.60 | -1.50 |

1293.

2021-08-31 time: 8:27:58.52 UTC ML= 1.4
 lat: 48.572N lon: 20.737E h= 0.0 km
 erh= 2.2km erz= 2.3km
 nr= 6 gap=223 rms=0.51

Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.1 | 242 | Pg | 8:28:02.63 | 0.35 |
| | | | Sg | 28:05.44 | 0.23 |
| ABAH | 48.2 | 130 | Pg | 8:28:07.50 | 0.38 |
| | | | Sg | 28:13.17 | -0.66 |
| PSZ | 96.0 | 221 | Sg | 8:28:28.64 | -0.37 |
| VYHS | 140.7 | 266 | Sn | 8:28:41.04 | -1.22 |

1294.

2021-08-31 time: 9:55:36.60 UTC ML= 0.9
 lat: 47.230N lon: 18.275E h= 0.0 km
 erh= 1.2km erz= 125km
 nr= 5 gap=254 rms=0.06

Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 14.9 | 356 | Pg | 9:55:39.31 | 0.06 |
| | | | Sg | 55:41.36 | 0.03 |
| PKST | 18.5 | 280 | Pg | 9:55:39.91 | 0.01 |
| | | | Sg | 55:42.37 | -0.10 |
| PKSG | 20.1 | 26 | Sg | 9:55:42.89 | -0.08 |

1295.

2021-08-31 time: 10:00:22.52 UTC ML= 1.9
 lat: 48.162N lon: 16.909E h= 0.0 km
 erh= 1.4km erz= 370km
 nr= 7 gap=146 rms=0.24

Locality: Austria
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 14.9 | 75 | Pg | 10:00:25.46 | 0.29 |
| | | | Sg | 00:27.26 | 0.01 |
| MODS | 36.1 | 49 | Pg | 10:00:28.87 | -0.09 |
| | | | Sg | 00:33.59 | -0.39 |
| RONA | 68.9 | 222 | Sg | 10:00:44.03 | -0.37 |
| CONA | 82.3 | 252 | Sg | 10:00:48.95 | 0.27 |
| KRUC | 107.0 | 339 | Sg | 10:00:56.58 | 0.05 |

1296.

2021-08-31 time: 10:23:18.97 UTC ML= 1.5
 lat: 47.333N lon: 18.329E h= 0.0 km
 erh= 3.2km erz= 502km
 nr= 5 gap=215 rms=0.23
 Locality: Csákberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 6.2 | 303 | Pg | 10:23:19.89 | -0.19 |
| | | | Sg | 23:21.30 | 0.36 |
| PKSG | 8.0 | 35 | Pg | 10:23:20.59 | 0.18 |
| | | | Sg | 23:21.09 | -0.44 |
| PKST | 23.8 | 250 | Pg | 10:23:23.25 | 0.03 |

1297.

2021-08-31 time: 10:31:39.47 UTC ML= 1.5
 lat: 47.366N lon: 18.434E h= 0.0 km
 erh= 2.6km erz= 6.6km
 nr= 13 gap=105 rms=0.98
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 13.1 | 269 | Pg | 10:31:41.64 | -0.18 |
| | | | Sg | 31:43.07 | -0.57 |
| PKST | 32.5 | 248 | Pg | 10:31:46.81 | 1.53 |
| | | | Sg | 31:49.92 | 0.12 |
| PKB5 | 88.8 | 165 | Sg | 10:32:08.60 | 0.91 |
| PKB3 | 119.7 | 151 | Sg | 10:32:17.79 | 0.26 |
| PSZ | 125.7 | 61 | Pg | 10:32:02.33 | 0.40 |
| | | | Sg | 32:19.70 | 0.26 |
| MORH | 128.9 | 173 | Sg | 10:32:18.49 | -1.95 |
| VYHS | 128.9 | 13 | Pg | 10:32:02.73 | 0.23 |
| | | | Sg | 32:18.89 | -1.57 |
| PKSM | 129.3 | 173 | Sg | 10:32:17.99 | -2.59 |
| KOVH | 144.3 | 190 | Sn | 10:32:23.31 | -0.72 |

1298.

2021-08-31 time: 18:24:32.32 UTC ML= 0.8
 lat: 47.583N lon: 16.331E h= 0.0 km
 erh= 1.9km erz= 571km
 nr= 8 gap=135 rms=0.41
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 13.2 | 349 | PgU | 18:24:35.10 | 0.41 |
| | | | Sg | 24:36.53 | -0.01 |
| SOP | 20.4 | 57 | Pg | 18:24:36.28 | 0.31 |
| | | | Sg | 24:38.57 | -0.24 |
| CONA | 52.1 | 318 | Sg | 18:24:48.53 | -0.36 |
| ARSA | 71.3 | 239 | Sg | 18:24:54.48 | -0.51 |
| EGYH | 77.6 | 104 | Pg | 18:24:46.24 | 0.05 |
| MODS | 112.8 | 39 | Sg | 18:25:06.33 | -1.85 |

1299.

2021-08-31 time: 22:41:06.46 UTC ML= 1.6
 lat: 45.900N lon: 16.032E h= 10.6 km
 erh= 4.2km erz= 2.5km
 nr= 13 gap=185 rms=0.83
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PTJ | 5.8 | 270 | Pg | 22:41:08.24 | -0.38 |
| | | | Sg | 41:09.29 | -1.02 |
| ZAG | 8.5 | 201 | Pg | 22:41:08.84 | -0.05 |
| | | | Sg | 41:10.12 | -0.66 |
| CRES | 45.5 | 260 | Pg | 22:41:15.78 | 0.98 |
| | | | Sg | 41:21.15 | -0.15 |
| KOGS | 63.2 | 15 | Pg | 22:41:18.49 | 0.59 |
| | | | Sg | 41:26.27 | -0.56 |
| GROS | 74.6 | 327 | Pg | 22:41:20.90 | 0.98 |
| | | | Sg | 41:29.04 | -1.37 |
| PERS | 108.0 | 319 | Pn | 22:41:26.47 | 0.86 |
| | | | Sn | 41:38.68 | -1.86 |
| SOKA | 115.8 | 318 | Sn | 22:41:41.39 | -0.88 |

1300.

2021-09-01 time: 6:13:59.61 UTC ML= 1.5
 lat: 47.837N lon: 19.898E h= 0.0 km
 erh= 5.5km erz= ***km
 nr= 9 gap=201 rms=0.97
 Locality: Gyöngyösorozsi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 9.0 | 358 | PgU | 6:14:02.15 | 0.93 |
| | | | Sg | 14:03.21 | 0.73 |
| PENC | 46.5 | 264 | Sg | 6:14:14.55 | 0.17 |
| KECS | 84.1 | 31 | Sg | 6:14:24.99 | -1.34 |
| VYHS | 107.6 | 313 | Pg | 6:14:19.54 | 0.72 |
| | | | Sg | 14:32.74 | -1.07 |
| ABAH | 112.2 | 63 | Pg | 6:14:19.99 | 0.34 |
| | | | Sg | 14:34.35 | -0.93 |
| A338 | 117.2 | 280 | Sg | 6:14:34.51 | -2.35 |

1301.

2021-09-01 time: 6:15:18.60 UTC ML= 1.0
 lat: 47.918N lon: 16.055E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 6 gap=132 rms=0.78
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 14.5 | 275 | Pg | 6:15:21.33 | 0.14 |
| | | | Sg | 15:23.84 | 0.63 |
| RONA | 30.3 | 143 | Pg | 6:15:23.54 | -0.46 |
| | | | Sg | 15:28.86 | 0.65 |
| KRUC | 129.7 | 11 | Pg | 6:15:42.07 | 0.32 |
| | | | Sg | 15:56.88 | -2.93 |

1302.

2021-09-01 time: 7:05:53.17 UTC ML= 1.3
 lat: 48.055N lon: 20.684E h= 0.0 km
 erh= 1.1km erz= 1.6km
 nr= 6 gap=198 rms=0.21
 Locality: Kisgyőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 49.3 | 57 | Pg | 7:06:02.10 | 0.13 |
| | | | Sg | 06:08.53 | -0.30 |
| KECS | 49.8 | 343 | Pg | 7:06:02.20 | 0.13 |

Földrengés paraméterek

PSZ 60.8 256 Sg 06:08.91 -0.10
 VYHS 145.6 290 Sn 7:06:12.65 0.14
 VYHS 145.6 290 Sn 7:06:37.48 -0.52

1303.

2021-09-01 time: 8:54:01.67 UTC ML= 1.5
 lat: 46.866N lon: 17.366E h= 0.0 km
 erh= 3.2km erz= 988km
 nr= 9 gap=140 rms=0.74
 Locality: Lesencetomaj
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 36.3 | 21 | Pg | 8:54:08.32 | 0.18 |
| | | | Sg | 54:12.04 | -1.16 |
| PKST | 67.0 | 49 | Pg | 8:54:14.32 | 0.69 |
| KOGS | 97.2 | 241 | Sg | 8:54:32.27 | -0.30 |
| KOVH | 103.2 | 147 | Pg | 8:54:21.23 | 1.13 |
| | | | Sg | 54:34.48 | 0.00 |
| MORH | 121.8 | 126 | Sg | 8:54:40.00 | -0.40 |
| PKSM | 121.9 | 127 | Pg | 8:54:22.83 | -0.61 |
| PKSV | 128.3 | 148 | Sg | 8:54:41.21 | -1.25 |

1304.

2021-09-01 time: 9:49:15.61 UTC ML= 0.6
 lat: 46.038N lon: 18.476E h= 0.0 km
 erh= 1.4km erz= 3.6km
 nr= 8 gap=193 rms=0.55
 Locality: Máriakéménd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSM | 23.1 | 33 | Pg | 9:49:20.03 | 0.29 |
| | | | Sg | 49:23.07 | 0.11 |
| MORH | 23.6 | 33 | Pg | 9:49:20.09 | 0.26 |
| | | | Sg | 49:22.92 | -0.20 |
| PKSV | 24.1 | 226 | Pg | 9:49:19.83 | -0.07 |
| | | | Sg | 49:22.80 | -0.45 |
| KOVH | 29.7 | 281 | Sg | 9:49:25.21 | 0.17 |
| PKST | 139.9 | 346 | Sn | 9:49:55.11 | -4.06 |

1305.

2021-09-01 time: 10:00:26.91 UTC ML= 2.0
 lat: 48.172N lon: 16.849E h= 0.0 km
 erh= 1.7km erz= 503km
 nr= 8 gap=136 rms=0.37
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 19.0 | 82 | Pg | 10:00:30.47 | 0.16 |
| | | | Sg | 00:32.51 | -0.45 |
| MODS | 38.9 | 55 | Pg | 10:00:34.04 | 0.19 |
| | | | Sg | 00:38.56 | -0.71 |
| RONA | 66.8 | 218 | Pg | 10:00:39.21 | 0.37 |
| | | | Sg | 00:47.45 | -0.69 |
| CONA | 78.4 | 250 | Sg | 10:00:51.91 | 0.07 |
| KRUC | 104.5 | 341 | Sg | 10:01:00.25 | 0.14 |

1306.

2021-09-01 time: 11:55:25.69 UTC ML= 1.1
 lat: 47.870N lon: 16.054E h= 0.0 km
 erh= 2.7km erz= 6.8km
 nr= 8 gap= 84 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| CONA | 15.8 | 294 | Pg | 11:55:28.87 | 0.37 |
| | | | Sg | 55:31.13 | 0.43 |

Hypocenter Parameters

RONA 26.2 136 Pg 11:55:30.88 0.51
 Sg 55:34.65 0.62
 ARSA 79.6 210 Sg 11:55:49.46 -1.53
 MODS 106.9 58 Sg 11:55:58.95 -0.73
 SMOL 124.8 55 Sg 11:56:04.57 -0.79
 KRUC 134.9 11 Pn 11:55:49.31 -0.23

1307.

2021-09-01 time: 18:37:30.45 UTC ML= 1.1
 lat: 47.512N lon: 16.324E h= 0.0 km
 erh= 4.4km erz= 5.7km
 nr= 8 gap=202 rms=0.56
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 21.0 | 354 | PgU | 18:37:34.46 | 0.26 |
| | | | Sg | 37:36.54 | -0.58 |
| SOP | 26.0 | 43 | Pg | 18:37:35.52 | 0.44 |
| | | | Sg | 37:38.35 | -0.35 |
| CONA | 57.8 | 323 | Pg | 18:37:41.63 | 0.85 |
| ARSA | 67.1 | 244 | Sg | 18:37:50.32 | -1.46 |
| MODS | 119.4 | 37 | Pg | 18:37:51.55 | -0.22 |
| KRUC | 172.4 | 2 | Pn | 18:37:58.63 | -0.35 |

1308.

2021-09-02 time: 8:29:39.71 UTC ML= 1.5
 lat: 47.339N lon: 18.439E h= 0.0 km
 erh= 1.0km erz= 1.9km
 nr= 7 gap=113 rms=0.49
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 13.8 | 281 | PgU | 8:29:42.51 | 0.34 |
| | | | Sg | 29:44.21 | 0.12 |
| PKST | 31.9 | 254 | Sg | 8:29:49.28 | -0.57 |
| MORH | 125.8 | 173 | Sg | 8:30:19.35 | -0.36 |
| PKSM | 126.3 | 173 | Sg | 8:30:19.91 | 0.06 |
| PSZ | 126.9 | 60 | Sg | 8:30:20.90 | 0.84 |
| VYHS | 131.8 | 13 | Sn | 8:30:20.67 | -0.81 |

1309.

2021-09-02 time: 8:31:28.26 UTC ML= 1.8
 lat: 48.441N lon: 21.767E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 8 gap=127 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 42.3 | 248 | Pg | 8:31:36.71 | 0.91 |
| | | | Sg | 31:42.13 | 0.44 |
| KOLS | 66.2 | 34 | Pg | 8:31:40.60 | 0.52 |
| | | | Sg | 31:48.64 | -0.67 |
| TRPA | 66.9 | 121 | Sg | 8:31:49.14 | -0.39 |
| KECS | 94.9 | 273 | Pg | 8:31:44.52 | -0.68 |
| | | | Sg | 31:56.79 | -1.62 |
| STHS | 115.1 | 341 | Sg | 8:32:05.33 | 0.49 |

1310.

2021-09-02 time: 9:04:29.33 UTC ML= 2.0
 lat: 48.221N lon: 21.232E h= 0.0 km
 erh= 2.4km erz= 2.8km
 nr= 14 gap=101 rms=0.74
 Locality: Rátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| ABAH | 8.3 | 4 | PgU | 9:04:31.04 | 0.22 |

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 62.5 | 298 | Sg | 04:31.97 | -0.01 |
| | | | Pg | 9:04:40.86 | 0.37 |
| | | | Sg | 04:48.42 | -0.78 |
| PSZ | 105.2 | 251 | Pg | 9:04:49.22 | 1.10 |
| | | | Sg | 05:01.82 | -0.95 |
| KOLS | 110.3 | 44 | Pg | 9:04:49.37 | 0.33 |
| | | | Sg | 05:03.37 | -1.03 |
| BSZH | 125.4 | 215 | Sg | 9:05:07.55 | -1.65 |
| NIE | 149.3 | 333 | Sn | 9:05:13.67 | -1.32 |
| LANS | 166.0 | 309 | Sn | 9:05:19.40 | 0.71 |
| VYHS | 180.1 | 280 | Sn | 9:05:22.01 | 0.18 |
| DRGR | 194.1 | 145 | Pn | 9:05:00.82 | 0.25 |
| | | | Sn | 05:24.72 | -0.22 |

1311.

2021-09-02 time: 9:46:19.71 UTC ML= 1.0
 lat: 47.191N lon: 18.281E h= 0.0 km
 erh= 2.5km erz= 4.5km
 nr= 8 gap=109 rms=0.46
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 19.2 | 355 | Pg | 9:46:23.46 | 0.33 |
| | | | Sg | 46:25.11 | -0.69 |
| PKST | 20.1 | 292 | Pg | 9:46:23.66 | 0.36 |
| | | | Sg | 46:25.66 | -0.45 |
| MORH | 111.9 | 166 | Sg | 9:46:56.04 | 0.75 |
| PKSM | 112.3 | 166 | Sg | 9:46:55.04 | -0.37 |
| KOVH | 123.4 | 186 | Sg | 9:46:58.45 | -0.47 |
| PSZ | 145.9 | 56 | Sn | 9:47:04.38 | -0.23 |

1312.

2021-09-02 time: 9:51:27.46 UTC ML= 1.6
 lat: 47.365N lon: 18.411E h= 0.0 km
 erh= 1.5km erz= 3.3km
 nr= 21 gap= 82 rms=0.83
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.4 | 269 | Pg | 9:51:29.54 | 0.05 |
| | | | Sg | 51:31.50 | 0.43 |
| PKST | 30.8 | 248 | Pg | 9:51:32.93 | -0.03 |
| | | | Sg | 51:37.10 | -0.15 |
| BUD | 48.1 | 74 | Sg | 9:51:43.72 | 0.97 |
| MPLH | 69.4 | 252 | Pg | 9:51:40.59 | 0.74 |
| | | | Sg | 51:49.25 | -0.27 |
| PKB1 | 70.7 | 156 | Sg | 9:51:50.35 | 0.42 |
| A338 | 72.5 | 357 | Sg | 9:51:50.60 | 0.11 |
| PKB5 | 89.1 | 164 | Sg | 9:51:56.46 | 0.70 |
| PKB4 | 97.6 | 171 | Sg | 9:51:59.07 | 0.58 |
| PSZ | 127.3 | 61 | Pg | 9:51:50.55 | 0.35 |
| | | | Sg | 52:06.90 | -1.03 |
| MORH | 128.9 | 172 | Pg | 9:51:50.23 | -0.25 |
| | | | Sg | 52:05.49 | -2.95 |
| PKSM | 129.4 | 172 | Pg | 9:51:50.83 | 0.27 |
| | | | Sg | 52:05.19 | -3.38 |
| VYHS | 129.5 | 14 | Pg | 9:51:51.23 | 0.64 |
| | | | Sg | 52:06.20 | -2.43 |
| MODS | 140.6 | 323 | Sn | 9:52:09.81 | -1.38 |
| KOVH | 143.9 | 190 | Sn | 9:52:10.71 | -1.20 |

1313.

2021-09-02 time: 10:03:58.70 UTC ML= 1.7
 lat: 46.018N lon: 22.393E h= 0.0 km
 erh= 2.2km erz= 5.5km
 nr= 13 gap= 80 rms=0.84
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 42.3 | 111 | Pg | 10:04:07.45 | 1.19 |
| | | | Sg | 04:11.87 | -0.28 |
| SIRR | 63.1 | 296 | Pg | 10:04:10.75 | 0.78 |
| | | | Sg | 04:18.77 | 0.01 |
| BZS | 75.0 | 234 | Pg | 10:04:12.95 | 0.86 |
| | | | Sg | 04:21.20 | -1.34 |
| GZR | 75.5 | 157 | Pg | 10:04:12.56 | 0.37 |
| | | | Sg | 04:21.70 | -1.02 |
| DRGR | 89.5 | 16 | Pg | 10:04:13.97 | -0.71 |
| | | | Sg | 04:26.12 | -1.02 |
| CJR | 120.8 | 50 | Pg | 10:04:20.60 | 0.33 |
| | | | Sg | 04:36.46 | -0.64 |
| DJES | 154.2 | 176 | Sn | 10:04:43.89 | -1.56 |

1314.

2021-09-02 time: 10:12:16.67 UTC ML= 1.5
 lat: 48.488N lon: 19.560E h= 0.0 km
 erh= 2.2km erz= 634km
 nr= 6 gap=112 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.5 | 271 | Sg | 10:12:33.36 | -0.33 |
| PSZ | 68.0 | 159 | Pg | 10:12:29.29 | 0.47 |
| | | | Sg | 12:37.63 | -0.67 |
| KECS | 68.4 | 90 | Pg | 10:12:29.09 | 0.20 |
| | | | Sg | 12:38.18 | -0.23 |
| LANS | 74.0 | 355 | Sg | 10:12:40.04 | -0.15 |

1315.

2021-09-02 time: 10:13:33.62 UTC ML= 1.4
 lat: 48.478N lon: 19.562E h= 0.0 km
 erh= 1.8km erz= 688km
 nr= 11 gap= 83 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 53.7 | 272 | Pg | 10:13:43.58 | 0.38 |
| | | | Sg | 13:50.20 | -0.47 |
| PSZ | 66.9 | 158 | Pg | 10:13:45.69 | 0.12 |
| | | | Sg | 13:54.12 | -0.77 |
| KECS | 68.3 | 89 | Pg | 10:13:46.29 | 0.47 |
| | | | Sg | 13:54.62 | -0.72 |
| LANS | 75.1 | 355 | Sg | 10:13:57.43 | -0.07 |
| PENC | 79.2 | 195 | Pg | 10:13:48.50 | 0.74 |
| | | | Sg | 13:58.04 | -0.75 |
| NIE | 118.3 | 28 | Pg | 10:13:54.82 | 0.08 |
| | | | Sg | 14:09.89 | -1.32 |

1316.

2021-09-03 time: 6:29:47.97 UTC ML= 1.6
 lat: 47.915N lon: 19.420E h= 0.0 km
 erh= 3.4km erz= 5.6km
 nr= 13 gap=127 rms=1.04
 Locality: Szanda
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 17.3 | 217 | Pg | 6:29:52.26 | 1.20 |
| | | | Sg | 29:54.62 | 1.14 |
| PSZ | 35.4 | 89 | Pg | 6:29:53.82 | -0.47 |
| | | | Sg | 29:59.84 | 0.61 |
| VYHS | 77.6 | 326 | Pg | 6:30:02.66 | 0.83 |
| | | | Sg | 30:11.39 | -1.25 |
| KECS | 101.3 | 51 | Pg | 6:30:06.77 | 0.72 |
| | | | Sg | 30:18.72 | -1.44 |
| CSKK | 106.6 | 235 | Sg | 6:30:21.03 | -0.83 |
| PKST | 127.3 | 235 | Pg | 6:30:08.98 | -1.71 |
| | | | Sg | 30:27.46 | -0.96 |

Földrengés paraméterek

Hypocenter Parameters

PNNH 130.8 252 Sn 6:30:29.27 -0.26
 MODS 167.4 288 Sn 6:30:39.11 1.46

1320.

1317.

2021-09-03 time: 7:02:18.76 UTC ML= 1.6
 lat: 46.041N lon: 22.898E h= 0.0 km
 erh= 3.7km erz= 7.4km
 nr= 11 gap=122 rms=0.82
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 17.6 | 179 | Pg | 7:02:22.19 | 0.29 |
| | | | Sg | 02:24.40 | 0.05 |
| GZR | 72.6 | 187 | Sg | 7:02:41.30 | -0.55 |
| DRGR | 84.6 | 350 | Pg | 7:02:33.23 | -0.65 |
| | | | Sg | 02:44.88 | -0.78 |
| SIRR | 98.9 | 285 | Pg | 7:02:37.65 | 1.23 |
| | | | Sg | 02:50.30 | 0.10 |
| BZS | 110.2 | 245 | Pg | 7:02:38.49 | 0.05 |
| | | | Sg | 02:51.85 | -1.94 |
| VOIR | 180.4 | 112 | Pn | 7:02:49.54 | 1.25 |
| | | | Sn | 03:10.22 | -1.11 |

1318.

2021-09-03 time: 8:00:03.44 UTC ML= 1.4
 lat: 47.454N lon: 18.698E h= 0.0 km
 erh= 2.3km erz= 3.6km
 nr= 17 gap=112 rms=0.82
 Locality: Etyek
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 23.7 | 87 | Sg | 8:00:11.40 | 0.42 |
| BUD | 24.7 | 82 | Pg | 8:00:08.29 | 0.43 |
| | | | Sg | 00:11.91 | 0.60 |
| CSKK | 34.6 | 253 | Pg | 8:00:10.35 | 0.73 |
| | | | Sg | 00:14.47 | 0.04 |
| PKST | 54.7 | 247 | Pg | 8:00:13.71 | 0.50 |
| | | | Sg | 00:21.38 | 0.56 |
| PENC | 57.6 | 50 | Sg | 8:00:20.74 | -1.02 |
| MPLH | 93.2 | 250 | Sg | 8:00:32.14 | -0.91 |
| PKB5 | 95.6 | 178 | Sg | 8:00:32.54 | -1.28 |
| PSZ | 103.6 | 60 | Pg | 8:00:22.89 | 0.95 |
| | | | Sg | 00:35.10 | -1.27 |
| VYHS | 116.1 | 5 | Pg | 8:00:24.25 | 0.08 |
| | | | Sg | 00:39.11 | -1.23 |
| MORH | 137.7 | 182 | Sn | 8:00:45.30 | -1.23 |
| PKSM | 138.2 | 182 | Sn | 8:00:44.89 | -1.74 |
| KOVH | 158.6 | 197 | Sn | 8:00:51.72 | 0.56 |

1319.

2021-09-03 time: 8:34:25.96 UTC ML= 1.6
 lat: 48.691N lon: 19.963E h= 0.0 km
 erh= 3.4km erz= 947km
 nr= 8 gap=156 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 45.0 | 121 | Pg | 8:34:34.64 | 0.65 |
| | | | Sg | 34:39.66 | -0.59 |
| LANS | 62.7 | 325 | Pg | 8:34:37.42 | 0.27 |
| | | | Sg | 34:45.51 | -0.37 |
| VYHS | 86.0 | 255 | Pg | 8:34:42.17 | 0.86 |
| | | | Sg | 34:51.31 | -1.97 |
| PSZ | 86.1 | 183 | Pg | 8:34:40.87 | -0.46 |
| | | | Sg | 34:52.82 | -0.50 |

2021-09-03 time: 8:54:16.14 UTC ML= 1.7
 lat: 46.041N lon: 22.841E h= 0.0 km
 erh= 2.7km erz= 983km
 nr= 11 gap=127 rms=0.79
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.1 | 165 | Pg | 8:54:19.38 | -0.01 |
| | | | Sg | 54:21.99 | 0.08 |
| GZR | 72.1 | 184 | Pg | 8:54:29.09 | 0.07 |
| | | | Sg | 54:38.93 | -0.14 |
| DRGR | 84.1 | 353 | Pg | 8:54:31.83 | 0.67 |
| | | | Sg | 54:41.07 | -1.80 |
| SIRR | 94.7 | 285 | Pg | 8:54:34.41 | 1.36 |
| | | | Sg | 54:45.35 | -0.88 |
| CJR | 94.8 | 38 | Pg | 8:54:33.23 | 0.16 |
| | | | Sg | 54:45.48 | -0.80 |
| BZS | 106.2 | 244 | Sg | 8:54:48.57 | -1.32 |

1321.

2021-09-03 time: 9:05:07.56 UTC ML= 1.1
 lat: 47.173N lon: 18.314E h= 0.0 km
 erh= 3.7km erz= 835km
 nr= 7 gap=178 rms=0.56
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 21.5 | 349 | Pg | 9:05:11.72 | 0.31 |
| | | | Sg | 05:13.47 | -0.93 |
| PKST | 23.3 | 294 | Pg | 9:05:12.35 | 0.64 |
| | | | Sg | 05:14.47 | -0.48 |
| MORH | 109.4 | 167 | Sg | 9:05:41.71 | -0.61 |
| PKSM | 109.7 | 167 | Sg | 9:05:42.01 | -0.43 |
| KOVH | 121.7 | 188 | Sg | 9:05:46.73 | 0.49 |

1322.

2021-09-03 time: 9:07:35.06 UTC ML= 2.0
 lat: 48.427N lon: 17.281E h= 0.0 km
 erh= 0.9km erz= 296km
 nr= 9 gap=134 rms=0.22
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 6.0 | 182 | Pg | 9:07:35.94 | -0.18 |
| | | | Sg | 07:37.45 | 0.50 |
| SMOL | 14.6 | 49 | Pg | 9:07:37.75 | 0.09 |
| | | | Sg | 07:39.36 | -0.33 |
| ZST | 28.9 | 207 | Pg | 9:07:40.46 | 0.24 |
| | | | Sg | 07:43.98 | -0.26 |
| KRUC | 96.0 | 317 | Pg | 9:07:52.21 | 0.01 |
| | | | Sg | 08:05.67 | 0.09 |
| CONA | 119.2 | 242 | Sg | 9:08:12.70 | -0.25 |

1323.

2021-09-03 time: 9:18:05.67 UTC ML= 1.4
 lat: 48.529N lon: 19.340E h= 0.0 km
 erh= 2.3km erz= 784km
 nr= 8 gap=104 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| VYHS | 37.5 | 264 | Pg | 9:18:12.76 | 0.40 |
| | | | Sg | 18:17.38 | -0.20 |
| LANS | 69.8 | 8 | Sg | 9:18:27.12 | -0.73 |
| PSZ | 79.4 | 149 | Pg | 9:18:20.09 | 0.25 |

Hypocenter Parameters

PENC 82.2 183 Sg 18:30.33 -0.57
 KECS 84.8 93 Sg 9:18:30.77 -1.02
 Pg 9:18:21.53 0.72
 Sg 18:32.24 -0.37

1324.

2021-09-03 time: 22:50:17.10 UTC ML= 0.8
 lat: 47.283N lon: 18.093E h= 8.7 km
 erh= 1.0km erz= 0.6km
 nr= 8 gap=175 rms=0.14
 Locality: Tés
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKST | 5.2 | 239 | Pg | 22:50:19.02 | | | 0.11 |
| | | | Sg | 50:20.13 | | | -0.18 |
| CSKK | 15.5 | 55 | Pg | 22:50:20.28 | | | 0.01 |
| | | | Sg | 50:22.64 | | | -0.11 |
| PKB1 | 76.8 | 136 | Sg | 22:50:41.97 | | | 0.31 |
| PKB2 | 110.5 | 128 | Sn | 22:50:52.08 | | | -0.10 |
| MORH | 125.8 | 160 | Sn | 22:50:55.64 | | | 0.05 |
| PKSM | 126.2 | 161 | Sn | 22:50:55.49 | | | -0.17 |

1325.

2021-09-04 time: 6:27:03.92 UTC ML= 1.9
 lat: 45.520N lon: 21.247E h= 6.3 km
 erh= 3.5km erz= 2.5km
 nr= 22 gap=132 rms=1.15
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BANR | 17.6 | 210 | Pg | 6:27:07.13 | | | -0.13 |
| | | | Sg | 27:10.50 | | | 0.62 |
| BZS | 30.7 | 70 | Pg | 6:27:09.99 | | | 0.47 |
| | | | Sg | 27:14.94 | | | 1.05 |
| SURR | 73.2 | 69 | PgC | 6:27:16.79 | | | -0.24 |
| | | | Sg | 27:26.70 | | | -0.56 |
| SIRR | 89.0 | 21 | Pg | 6:27:19.76 | | | -0.09 |
| | | | Sg | 27:30.61 | | | -1.67 |
| HERR | 116.1 | 128 | PnC | 6:27:24.74 | | | 0.13 |
| | | | Sn | 27:38.40 | | | -2.36 |
| GZR | 120.4 | 97 | Pn | 6:27:24.81 | | | -0.35 |
| | | | Sn | 27:39.67 | | | -2.05 |
| FRGS | 120.5 | 249 | Pn | 6:27:24.50 | | | -0.67 |
| | | | Sn | 27:39.72 | | | -2.03 |
| DRGR | 181.0 | 39 | Pn | 6:27:33.41 | | | 0.70 |
| | | | Sn | 27:54.49 | | | -0.67 |
| MARR | 193.5 | 48 | PnC | 6:27:36.35 | | | 2.08 |
| | | | Sn | 28:00.60 | | | 2.66 |
| LOT | 197.3 | 92 | PnC | 6:27:36.78 | | | 2.03 |
| | | | Sn | 28:00.10 | | | 1.31 |
| BOVS | 212.6 | 170 | PnC | 6:27:38.88 | | | 2.23 |
| | | | Sn | 28:04.60 | | | 2.42 |

1326.

2021-09-04 time: 11:58:23.80 UTC ML= 0.7
 lat: 47.575N lon: 16.377E h= 0.0 km
 erh= 2.5km erz= 4.8km
 nr= 9 gap=192 rms=0.65
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 15.1 | 336 | Pg | 11:58:26.78 | | | 0.28 |
| | | | Sg | 58:28.71 | | | 0.10 |
| SOP | 18.2 | 48 | Pg | 11:58:27.31 | | | 0.27 |
| | | | Sg | 58:29.94 | | | 0.37 |
| CONA | 55.1 | 315 | Pg | 11:58:34.24 | | | 0.60 |
| | | | Sg | 58:41.27 | | | -0.05 |
| ARSA | 73.9 | 241 | Sg | 11:58:46.39 | | | -0.89 |
| MODS | 111.4 | 37 | Sg | 11:58:58.29 | | | -0.91 |

Földrengés paraméterek

KRUC 165.3 0 Sn 11:59:10.84 -2.17
 1327.

2021-09-06 time: 8:04:12.15 UTC ML= 2.0
 lat: 47.029N lon: 22.266E h= 0.0 km
 erh= 3.2km erz= 4.1km
 nr= 14 gap= 90 rms=0.93
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DRGR | 43.0 | 128 | PgU | 8:04:20.33 | | | 0.51 |
| | | | Sg | 04:24.66 | | | -1.15 |
| SIRR | 96.5 | 209 | Pg | 8:04:29.52 | | | 0.13 |
| | | | Sg | 04:41.12 | | | -1.72 |
| CJR | 107.4 | 109 | Pg | 8:04:31.26 | | | -0.08 |
| | | | Sg | 04:44.97 | | | -1.33 |
| BMR | 117.4 | 52 | Pg | 8:04:33.13 | | | 0.02 |
| TRPA | 124.2 | 10 | Pg | 8:04:34.50 | | | 0.18 |
| | | | Sg | 04:49.86 | | | -1.76 |
| BZS | 164.8 | 198 | Pn | 8:04:39.62 | | | -0.11 |
| | | | Sn | 05:00.59 | | | -0.65 |
| GZR | 186.0 | 168 | Pn | 8:04:44.97 | | | 2.59 |
| | | | Sn | 05:06.67 | | | 0.71 |
| PSZ | 204.3 | 299 | Pn | 8:04:45.24 | | | 0.58 |

1328.

2021-09-06 time: 9:19:13.91 UTC ML= 1.8
 lat: 48.652N lon: 21.361E h= 0.0 km
 erh= 3.0km erz= 5.7km
 nr= 16 gap= 71 rms=1.20
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ABAH | 40.6 | 193 | Pg | 9:19:21.13 | | | -0.03 |
| | | | Sg | 19:27.09 | | | 0.28 |
| KECS | 67.3 | 254 | Pg | 9:19:25.95 | | | 0.03 |
| | | | Sg | 19:33.38 | | | -1.91 |
| KOLS | 74.0 | 65 | Pg | 9:19:28.16 | | | 1.04 |
| | | | Sg | 19:38.00 | | | 0.58 |
| STHS | 85.5 | 354 | Pg | 9:19:29.97 | | | 0.80 |
| | | | Sg | 19:40.71 | | | -0.37 |
| TRPA | 104.8 | 124 | Pg | 9:19:31.38 | | | -1.24 |
| | | | Sg | 19:44.63 | | | -2.58 |
| NIE | 114.6 | 318 | Pg | 9:19:34.09 | | | -0.29 |
| | | | Sg | 19:48.05 | | | -2.30 |
| PSZ | 136.0 | 233 | Pn | 9:19:39.01 | | | 1.11 |
| LANS | 149.5 | 292 | Pn | 9:19:41.62 | | | 2.04 |
| | | | Sn | 19:58.69 | | | -0.91 |
| DRGR | 230.3 | 154 | Pn | 9:19:54.17 | | | 4.51 |

1329.

2021-09-06 time: 16:39:55.14 UTC ML= 1.3
 lat: 47.612N lon: 16.388E h= 0.0 km
 erh= 1.9km erz= 4.3km
 nr= 13 gap= 73 rms=0.73
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 11.9 | 325 | PgU | 16:39:57.55 | | | 0.28 |
| | | | Sg | 39:59.31 | | | 0.37 |
| SOP | 15.1 | 58 | PgU | 16:39:58.56 | | | 0.73 |
| | | | Sg | 40:00.87 | | | 0.94 |
| CONA | 52.9 | 312 | Pg | 16:40:04.83 | | | 0.25 |
| | | | Sg | 40:11.26 | | | -0.68 |
| ARSA | 76.6 | 238 | Pg | 16:40:09.27 | | | 0.45 |
| MPLH | 99.9 | 119 | Sg | 16:40:26.97 | | | 0.09 |
| MODS | 107.6 | 38 | Sg | 16:40:28.80 | | | -0.55 |
| KOGS | 129.8 | 185 | Sg | 16:40:34.83 | | | -1.57 |
| PKST | 130.3 | 108 | Sg | 16:40:35.03 | | | -1.51 |

Földrengés paraméterek

Hypocenter Parameters

KRUC 161.2 0 Pn 16:40:21.85 -0.43
Sn 40:41.48 -1.96

1333.

1330.

2021-09-06 time: 20:17:54.88 UTC ML= 1.1
lat: 45.828N lon: 18.199E h= 6.8 km
erh= 1.8km erz= 0.9km
nr= 11 gap=306 rms=0.21
Locality: Ipacsfa
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 7.9 | 31 | Pg | 20:17:56.94 | 0.20 |
| | | | Sg | 17:59.20 | 1.01 |
| KOVH | 30.0 | 345 | Pg | 20:18:00.23 | -0.14 |
| | | | Sg | 18:04.49 | -0.16 |
| PKSM | 54.7 | 39 | Pg | 20:18:04.54 | -0.18 |
| | | | Sg | 18:12.19 | -0.21 |
| MORH | 55.2 | 39 | Pg | 20:18:04.62 | -0.19 |
| | | | Sg | 18:12.46 | -0.09 |
| PKB4 | 80.6 | 23 | Pg | 20:18:09.61 | 0.29 |
| PKB1 | 115.7 | 23 | Pn | 20:18:15.51 | 0.04 |
| | | | Sn | 18:31.83 | 0.30 |

1331.

2021-09-06 time: 21:54:00.60 UTC ML= 1.1
lat: 45.820N lon: 18.199E h= 8.2 km
erh= 3.9km erz= 2.2km
nr= 11 gap=307 rms=0.45
Locality: Kovácsbida
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 8.6 | 29 | Pg | 21:54:02.82 | 0.09 |
| | | | Sg | 54:04.99 | 0.60 |
| KOVH | 30.8 | 346 | Pg | 21:54:06.01 | -0.28 |
| | | | Sg | 54:10.34 | -0.38 |
| PKSM | 55.4 | 38 | Pg | 21:54:10.33 | -0.27 |
| | | | Sg | 54:17.88 | -0.51 |
| MORH | 55.9 | 38 | Pg | 21:54:10.43 | -0.25 |
| | | | Sg | 54:17.93 | -0.62 |
| PKB4 | 81.4 | 23 | Pg | 21:54:15.85 | 0.64 |
| | | | Sg | 54:28.05 | 1.45 |
| PKB1 | 116.5 | 23 | Pn | 21:54:21.38 | 0.27 |

1332.

2021-09-07 time: 8:17:03.89 UTC ML= 1.7
lat: 45.942N lon: 22.661E h= 0.0 km
erh= 1.9km erz= 5.0km
nr= 10 gap=104 rms=0.54
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 19.9 | 109 | Pg | 8:17:07.33 | -0.11 |
| | | | Sg | 17:10.14 | -0.08 |
| GZR | 61.7 | 172 | Pg | 8:17:15.16 | 0.26 |
| | | | Sg | 17:23.39 | -0.10 |
| SIRR | 85.4 | 295 | Sg | 8:17:31.21 | 0.16 |
| BZS | 88.9 | 246 | Sg | 8:17:31.46 | -0.69 |
| DRGR | 94.5 | 2 | Pg | 8:17:21.58 | 0.82 |
| | | | Sg | 17:32.83 | -1.10 |
| VOIR | 194.4 | 107 | Pn | 8:17:35.25 | 0.10 |
| | | | Sn | 17:57.74 | -1.80 |

2021-09-07 time: 8:27:38.95 UTC ML= 1.7
lat: 48.516N lon: 17.508E h= 0.0 km
erh= 0.7km erz= 166km
nr= 7 gap=145 rms=0.12
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 5.8 | 268 | Pg | 8:27:40.06 | 0.06 |
| | | | Sg | 27:40.60 | -0.21 |
| MODS | 23.3 | 227 | Pg | 8:27:43.07 | -0.04 |
| | | | Sg | 27:46.49 | 0.14 |
| VYHS | 98.2 | 91 | Sg | 8:28:10.18 | 0.01 |
| KRUC | 101.8 | 307 | Pg | 8:27:57.23 | 0.09 |
| | | | Sg | 28:11.09 | -0.23 |

1334.

2021-09-07 time: 8:40:00.47 UTC ML= 1.5
lat: 48.496N lon: 20.809E h= 0.0 km
erh= 2.1km erz= 309km
nr= 5 gap=218 rms=0.14
Locality: Tornabarakony
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 24.0 | 267 | Pg | 8:40:04.79 | 0.04 |
| | | | Sg | 40:07.85 | -0.24 |
| ABAH | 38.8 | 125 | Sg | 8:40:12.67 | -0.15 |
| PSZ | 93.5 | 227 | Pg | 8:40:17.34 | 0.17 |
| | | | Sg | 40:30.15 | -0.05 |

1335.

2021-09-07 time: 9:31:44.94 UTC ML= 1.0
lat: 47.194N lon: 18.297E h= 0.0 km
erh= 1.0km erz= 1.9km
nr= 6 gap=124 rms=0.25
Locality: Székesfehérvár
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 19.0 | 352 | Pg | 9:31:48.61 | 0.28 |
| | | | Sg | 31:50.82 | -0.16 |
| PKST | 21.2 | 290 | Pg | 9:31:48.71 | -0.01 |
| | | | Sg | 31:51.42 | -0.25 |
| PKSM | 112.3 | 166 | Sg | 9:32:20.84 | 0.20 |
| PSZ | 144.7 | 56 | Sn | 9:32:28.97 | -0.60 |

1336.

2021-09-07 time: 9:35:55.01 UTC ML= 1.3
lat: 48.513N lon: 17.430E h= 0.0 km
erh= 2.7km erz= 825km
nr= 7 gap=136 rms=0.54
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 0.2 | 315 | Pg | 9:35:54.72 | -0.32 |
| | | | Sg | 35:55.67 | 0.60 |
| MODS | 19.2 | 216 | Pg | 9:35:58.28 | -0.15 |
| | | | Sg | 36:01.40 | 0.30 |
| KRUC | 97.5 | 309 | Sg | 9:36:25.75 | -0.27 |
| VYHS | 103.9 | 91 | Pg | 9:36:14.20 | 0.63 |
| | | | Sg | 36:26.60 | -1.44 |

Hypocenter Parameters

Földrengés paraméterek

1337.

2021-09-07 time: 10:31:03.73 UTC ML= 1.8
 lat: 47.908N lon: 20.134E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 6 gap=196 rms=0.62
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PSZ | 17.9 | 274 | Pg | 10:31:07.28 | | | 0.35 |
| | | | Sg | | 31:09.79 | | 0.36 |
| PENC | 65.1 | 258 | Pg | 10:31:15.31 | | | -0.04 |
| KECS | 69.1 | 22 | Sg | 10:31:26.46 | | | 0.78 |
| ABAH | 92.9 | 62 | Sg | 10:31:32.48 | | | -0.79 |
| VYHS | 116.4 | 304 | Sg | 10:31:39.31 | | | -1.42 |

1338.

2021-09-07 time: 10:50:14.35 UTC ML= 1.4
 lat: 47.867N lon: 19.139E h= 0.0 km
 erh= 1.1km erz= 263km
 nr= 7 gap=157 rms=0.18
 Locality: Nőtincs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PENC | 13.6 | 129 | Pg | 10:50:16.95 | | | 0.17 |
| | | | Sg | | 50:18.41 | | -0.27 |
| PSZ | 56.8 | 84 | Pg | 10:50:24.53 | | | 0.05 |
| | | | Sg | | 50:32.12 | | -0.27 |
| A338 | 61.1 | 286 | Sg | 10:50:33.47 | | | -0.28 |
| VYHS | 73.3 | 342 | Pg | 10:50:27.55 | | | 0.12 |
| | | | Sg | | 50:37.74 | | 0.10 |

1339.

2021-09-07 time: 11:21:06.71 UTC ML= 1.4
 lat: 47.099N lon: 18.005E h= 0.0 km
 erh= 1.7km erz= 577km
 nr= 12 gap=120 rms=0.47
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKST | 17.9 | 7 | Pg | 11:21:09.99 | | | 0.08 |
| | | | Sg | | 21:11.82 | | -0.58 |
| TIH | 23.7 | 201 | Pg | 11:21:11.01 | | | 0.06 |
| CSKK | 35.1 | 33 | Pg | 11:21:13.60 | | | 0.61 |
| | | | Sg | | 21:17.37 | | -0.51 |
| MPLH | 36.2 | 283 | Pg | 11:21:13.27 | | | 0.09 |
| | | | Sg | | 21:17.92 | | -0.30 |
| MORH | 109.7 | 154 | Pg | 11:21:27.01 | | | 0.71 |
| PKSM | 110.0 | 154 | Pg | 11:21:25.95 | | | -0.41 |
| | | | Sg | | 21:40.94 | | -0.74 |
| KOVH | 112.6 | 176 | Pg | 11:21:27.03 | | | 0.21 |
| | | | Sg | | 21:41.04 | | -1.46 |

1340.

2021-09-07 time: 21:48:39.92 UTC ML= 1.5
 lat: 48.944N lon: 18.339E h= 1.2 km
 erh= 2.2km erz= 2.9km
 nr= 13 gap=102 rms=0.75
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| VYHS | 62.0 | 144 | Pg | 21:48:50.96 | | | -0.03 |
| | | | Sg | | 48:58.79 | | -0.83 |
| SMOL | 82.3 | 234 | Pg | 21:48:55.67 | | | 1.05 |
| | | | Sg | | 49:06.51 | | 0.43 |
| LANS | 85.7 | 74 | Sg | 21:49:06.16 | | | -1.00 |
| MODS | 100.7 | 231 | Sg | 21:49:10.87 | | | -1.06 |

| | | | | | | | |
|------|-------|-----|----|-------------|----------|--|-------|
| MORC | 109.2 | 328 | Pg | 21:48:59.38 | | | -0.05 |
| | | | Sg | | 49:14.31 | | -0.34 |
| KRUC | 142.8 | 275 | Sn | 21:49:22.03 | | | -1.84 |
| NIE | 153.3 | 70 | Pn | 21:49:06.72 | | | 0.80 |
| | | | Sn | | 49:27.10 | | 0.90 |
| PSZ | 162.0 | 135 | Sn | 21:49:28.10 | | | -0.03 |
| KRLC | 169.0 | 318 | Sn | 21:49:29.71 | | | 0.03 |

1341.

2021-09-08 time: 7:43:47.74 UTC ML= 1.6
 lat: 45.658N lon: 17.271E h= 10.9 km
 erh= 4.0km erz= 1.4km
 nr= 12 gap=206 rms=0.35
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KOVH | 80.2 | 53 | Pg | 7:44:02.20 | | | 0.01 |
| | | | Sg | | 44:13.60 | | 0.14 |
| PKSV | 80.5 | 71 | Pg | 7:44:02.10 | | | -0.14 |
| | | | Sg | | 44:13.15 | | -0.40 |
| PTJ | 105.6 | 285 | P* | 7:44:06.23 | | | -0.31 |
| | | | S* | | 44:20.59 | | -0.61 |
| PKSM | 122.8 | 60 | Pn | 7:44:09.09 | | | 0.40 |
| | | | Sn | | 44:25.31 | | 0.27 |
| MORH | 123.2 | 60 | Pn | 7:44:08.79 | | | 0.05 |
| | | | Sn | | 44:24.80 | | -0.33 |
| CRES | 142.5 | 278 | Pn | 7:44:12.00 | | | 0.86 |
| | | | Sn | | 44:29.37 | | -0.03 |

1342.

2021-09-08 time: 7:46:19.92 UTC ML= 2.1
 lat: 48.590N lon: 20.732E h= 0.0 km
 erh= 2.7km erz= 3.8km
 nr= 8 gap=109 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 21.7 | 237 | Pg | 7:46:24.46 | | | 0.67 |
| | | | Sg | | 46:26.87 | | 0.06 |
| ABAH | 49.8 | 131 | Sg | 7:46:35.61 | | | -0.13 |
| PSZ | 97.2 | 220 | Sg | 7:46:50.12 | | | -0.68 |
| STHS | 99.3 | 22 | Sg | 7:46:50.57 | | | -0.91 |
| LANS | 111.8 | 304 | Pg | 7:46:39.92 | | | 0.05 |
| VYHS | 140.4 | 266 | Pn | 7:46:44.99 | | | 0.53 |
| | | | Sn | | 47:02.62 | | -0.98 |

1343.

2021-09-08 time: 7:52:44.05 UTC ML= 1.8
 lat: 47.694N lon: 18.554E h= 0.0 km
 erh= 2.4km erz= 5.3km
 nr= 20 gap= 91 rms=1.05
 Locality: Mogyorósbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SRO | 22.4 | 306 | Pg | 7:52:48.30 | | | 0.25 |
| | | | Sg | | 52:51.51 | | 0.35 |
| CSKK | 42.9 | 211 | Pg | 7:52:52.71 | | | 1.00 |
| | | | Sg | | 52:57.53 | | -0.16 |
| PENC | 55.6 | 79 | Pg | 7:52:54.71 | | | 0.73 |
| | | | Sg | | 53:01.34 | | -0.38 |
| PKST | 62.3 | 219 | Pg | 7:52:56.82 | | | 1.66 |
| | | | Sg | | 53:04.45 | | 0.62 |
| VYHS | 91.4 | 13 | Pg | 7:53:00.52 | | | 0.15 |
| | | | Sg | | 53:12.03 | | -1.06 |
| MPLH | 96.2 | 233 | Pg | 7:53:01.12 | | | -0.10 |
| | | | Sg | | 53:14.08 | | -0.54 |
| EGYH | 97.0 | 251 | Sg | 7:53:13.94 | | | -0.94 |
| PKB1 | 102.7 | 170 | Sg | 7:53:15.43 | | | -1.28 |
| MODS | 121.6 | 308 | Pg | 7:53:05.36 | | | -0.39 |

Földrengés paraméterek

Hypocenter Parameters

MORH 164.5 178 Sg 53:19.92 -2.76
 Pn 7:53:11.28 -0.31
 Sn 53:29.36 -3.71
 PKSM 164.9 178 Sn 7:53:30.06 -3.11
 KOVH 181.8 191 Sn 7:53:39.84 2.91

Sg 01:58.42 -0.08
 PKSM 112.5 167 Sg 9:02:27.24 -0.02

1344.

2021-09-08 time: 7:53:14.15 UTC ML= 1.8
 lat: 48.827N lon: 19.411E h= 0.0 km
 erh= 5.3km erz=10.4km
 nr= 10 gap=138 rms=1.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| LANS | 36.2 | 7 | Pg | 7:53:20.93 | 0.31 |
| | | | Sg | 53:25.85 | 0.18 |
| VYHS | 56.2 | 229 | Pg | 7:53:24.85 | 0.66 |
| | | | Sg | 53:31.64 | -0.38 |
| KECS | 87.9 | 116 | Pg | 7:53:33.03 | 3.17 |
| | | | Sg | 53:40.11 | -2.00 |
| NIE | 93.1 | 45 | Pg | 7:53:30.92 | 0.14 |
| | | | Sg | 53:42.47 | -1.29 |
| PSZ | 107.2 | 160 | Sg | 7:53:46.08 | -2.15 |
| ABAH | 147.3 | 114 | Sn | 7:53:57.28 | -2.09 |

1345.

2021-09-08 time: 8:07:24.78 UTC ML= 1.5
 lat: 47.808N lon: 19.903E h= 0.0 km
 erh= 5.5km erz= ***km
 nr= 7 gap=206 rms=0.76
 Locality: Gyöngyösoroszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 12.3 | 357 | Pg | 8:07:27.20 | 0.23 |
| | | | Sg | 07:29.21 | 0.53 |
| PENC | 46.6 | 268 | Pg | 8:07:33.43 | 0.33 |
| | | | Sg | 07:39.86 | 0.27 |
| KECS | 86.7 | 30 | Sg | 8:07:52.71 | 0.38 |
| VYHS | 110.1 | 314 | Sg | 8:07:57.52 | -2.26 |
| ABAH | 113.4 | 61 | Sg | 8:07:59.63 | -1.21 |

1346.

2021-09-08 time: 8:46:51.43 UTC ML= 1.2
 lat: 48.102N lon: 19.647E h= 0.0 km
 erh= 3.8km erz= 559km
 nr= 5 gap=221 rms=0.26
 Locality: Ságújfalu
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 27.5 | 138 | Pg | 8:46:56.67 | 0.32 |
| | | | Sg | 46:59.80 | -0.38 |
| PENC | 44.1 | 218 | Pg | 8:46:59.39 | 0.08 |
| | | | Sg | 47:05.34 | -0.12 |
| ABAH | 120.3 | 80 | Sg | 8:47:29.32 | -0.35 |

1347.

2021-09-08 time: 9:01:51.49 UTC ML= 0.7
 lat: 47.198N lon: 18.312E h= 0.0 km
 erh= 0.6km erz= 125km
 nr= 5 gap=179 rms=0.06
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 18.7 | 348 | Pg | 9:01:54.90 | 0.06 |
| | | | Sg | 01:57.36 | -0.08 |
| PKST | 22.1 | 288 | Pg | 9:01:55.46 | 0.03 |

1348.

2021-09-08 time: 9:59:32.24 UTC ML= 1.7
 lat: 48.442N lon: 17.237E h= 0.0 km
 erh= 0.8km erz= 296km
 nr= 10 gap=102 rms=0.23
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 8.1 | 159 | Pg | 9:59:33.47 | -0.22 |
| | | | Sg | 59:34.69 | -0.13 |
| SMOL | 16.2 | 60 | Pg | 9:59:35.09 | -0.05 |
| | | | Sg | 59:37.48 | 0.07 |
| KRUC | 92.7 | 318 | Pg | 9:59:48.76 | -0.03 |
| | | | Sg | 10:00:01.50 | -0.21 |
| RONA | 108.3 | 220 | Pg | 9:59:51.92 | 0.34 |
| | | | Sg | 10:00:06.62 | -0.04 |
| CONA | 117.2 | 241 | Pg | 9:59:53.48 | 0.32 |
| | | | Sg | 10:00:08.73 | -0.75 |

1349.

2021-09-08 time: 10:08:53.42 UTC ML= 0.7
 lat: 46.018N lon: 18.482E h= 0.0 km
 erh= 1.3km erz= 241km
 nr= 8 gap=201 rms=0.17
 Locality: Monyoród
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 22.9 | 231 | Pg | 10:08:57.43 | -0.09 |
| | | | Sg | 09:00.55 | -0.16 |
| PKSM | 24.8 | 30 | Pg | 10:08:58.04 | 0.19 |
| | | | Sg | 09:01.05 | -0.25 |
| MORH | 25.3 | 30 | Pg | 10:08:57.94 | 0.00 |
| | | | Sg | 09:01.35 | -0.11 |
| KOVH | 30.6 | 285 | Pg | 10:08:59.15 | 0.26 |
| | | | Sg | 09:02.97 | -0.18 |

1350.

2021-09-08 time: 12:20:19.10 UTC ML= 1.2
 lat: 47.607N lon: 18.320E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 7 gap=168 rms=0.77
 Locality: Környe
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 27.5 | 189 | Pg | 12:20:23.61 | -0.40 |
| | | | Sg | 20:26.93 | -0.91 |
| PKST | 44.3 | 209 | Pg | 12:20:27.23 | 0.22 |
| | | | Sg | 20:33.20 | 0.02 |
| VYHS | 105.9 | 21 | Pg | 12:20:39.17 | 1.16 |
| | | | Sg | 20:51.23 | -1.52 |
| MODS | 115.4 | 318 | Sg | 12:20:56.15 | 0.37 |

1351.

2021-09-08 time: 13:32:25.62 UTC ML= 2.1
 lat: 48.570N lon: 22.922E h= 11.9 km
 erh= 4.4km erz= 2.2km
 nr= 14 gap=207 rms=0.78
 Locality: Ukraine
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| TRPA | 56.5 | 210 | Pg | 13:32:36.13 | 0.19 |
| | | | Sg | 32:43.63 | -0.35 |
| KOLS | 62.5 | 310 | Pg | 13:32:37.65 | 0.67 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 32:44.04 | -1.81 | |
| BMR | 108.6 | 157 | Sn | 13:32:58.62 | -0.89 |
| ABAH | 128.2 | 256 | Pn | 13:32:46.89 | -0.22 |
| | | | Sn | 33:04.13 | 0.26 |
| STHS | 154.8 | 307 | Pn | 13:32:50.38 | -0.04 |
| | | | Sn | 33:11.53 | 1.76 |
| KECS | 180.2 | 267 | Pn | 13:32:53.35 | -0.25 |
| | | | Sn | 33:15.24 | -0.18 |
| DRGR | 198.4 | 185 | Sn | 13:33:20.10 | 0.66 |
| CJR | 212.6 | 166 | Sn | 13:33:28.26 | 5.66* |
| NIE | 213.0 | 296 | Sn | 13:33:28.53 | 5.84* |
| VYHS | 301.9 | 268 | Pn | 13:33:08.82 | 0.05* |
| | | | Sn | 33:43.56 | 1.14* |

1352.

2021-09-08 time: 14:24:07.52 UTC ML= 1.1
 lat: 47.870N lon: 16.466E h= 0.0 km
 erh= 4.9km erz= 8.5km
 nr= 8 gap=167 rms=1.14
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 22.8 | 214 | Pg | 14:24:11.95 | | | 0.36 |
| | | | Sg | 24:15.00 | | | 0.23 |
| CONA | 45.7 | 278 | Pg | 14:24:15.93 | | | 0.26 |
| | | | Sg | 24:22.25 | | | 0.21 |
| MODS | 82.4 | 47 | Pg | 14:24:23.70 | | | 1.48 |
| | | | Sg | 24:32.39 | | | -1.31 |
| ARSA | 98.9 | 226 | Sg | 14:24:37.57 | | | -1.39 |
| KRUC | 132.6 | 358 | Sn | 14:24:46.50 | | | -2.98 |

1353.

2021-09-09 time: 6:59:00.16 UTC ML= 1.3
 lat: 47.367N lon: 18.498E h= 0.0 km
 erh= 2.1km erz= 3.5km
 nr= 7 gap=164 rms=0.43
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 18.0 | 269 | Pg | 6:59:03.94 | | | 0.57 |
| | | | Sg | 59:05.54 | | | -0.33 |
| PKST | 37.1 | 251 | Sg | 6:59:11.51 | | | -0.43 |
| VYHS | 127.9 | 11 | Sg | 6:59:40.59 | | | -0.21 |
| MORH | 128.4 | 175 | Sg | 6:59:41.44 | | | 0.46 |
| PKSM | 128.8 | 175 | Sg | 6:59:40.84 | | | -0.27 |
| KOVH | 145.3 | 192 | Sn | 6:59:44.50 | | | -0.43 |

1354.

2021-09-09 time: 8:10:14.87 UTC ML= 1.8
 lat: 48.264N lon: 21.263E h= 0.0 km
 erh= 3.1km erz= 3.2km
 nr= 10 gap=103 rms=0.85
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ABAH | 3.9 | 334 | Pg | 8:10:15.94 | | | 0.37 |
| | | | Sg | 10:16.90 | | | 0.79 |
| KECS | 62.5 | 293 | Pg | 8:10:26.29 | | | 0.27 |
| | | | Sg | 10:34.37 | | | -0.36 |
| TRPA | 96.1 | 99 | Sg | 8:10:44.46 | | | -0.94 |
| PSZ | 108.9 | 249 | Sg | 8:10:48.28 | | | -1.21 |
| STHS | 128.2 | 359 | Sg | 8:10:53.65 | | | -1.95 |
| NIE | 146.1 | 332 | Sn | 8:10:59.58 | | | -0.23 |
| LANS | 164.8 | 307 | Sn | 8:11:05.00 | | | 1.04 |
| DRGR | 196.8 | 146 | Sn | 8:11:12.13 | | | 1.08 |

1355.

2021-09-09 time: 9:04:32.55 UTC ML= 1.6
 lat: 46.032N lon: 22.830E h= 0.0 km
 erh= 2.9km erz= 5.8km
 nr= 12 gap=117 rms=0.72
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DEV | 17.5 | 161 | Pg | 9:04:35.61 | | | -0.06 |
| | | | Sg | 04:38.58 | | | 0.48 |
| GZR | 71.1 | 183 | Pg | 9:04:44.61 | | | -0.63 |
| | | | Sg | 04:55.05 | | | -0.10 |
| DRGR | 85.0 | 354 | Pg | 9:04:47.82 | | | 0.10 |
| | | | Sg | 04:59.07 | | | -0.48 |
| SIRR | 94.2 | 286 | Pg | 9:04:50.13 | | | 0.77 |
| | | | Sg | 05:01.28 | | | -1.20 |
| BZS | 105.0 | 244 | Pg | 9:04:52.24 | | | 0.94 |
| | | | Sg | 05:04.09 | | | -1.83 |
| VOIR | 185.0 | 111 | Pn | 9:05:03.29 | | | 0.64 |
| | | | Sn | 05:25.28 | | | -0.84 |

1356.

2021-09-09 time: 9:13:54.01 UTC ML= 2.0
 lat: 47.432N lon: 21.935E h= 15.4 km
 erh= 2.6km erz= 1.4km
 nr= 11 gap=110 rms=0.51
 Locality: Kokad
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| LTVH | 5.9 | 206 | Pg | 9:13:56.73 | | | -0.23 |
| | | | Sg | 13:59.26 | | | 0.00 |
| TRPA | 89.8 | 30 | P* | 9:14:10.59 | | | 0.61 |
| | | | S* | 14:21.94 | | | -0.49 |
| DRGR | 92.4 | 140 | P* | 9:14:10.89 | | | 0.51 |
| | | | S* | 14:22.24 | | | -0.90 |
| ABAH | 109.2 | 332 | Pn | 9:14:12.67 | | | -0.02 |
| | | | Sn | 14:26.35 | | | -0.91 |
| KECS | 159.3 | 317 | Sn | 9:14:38.63 | | | 0.26 |
| PSZ | 162.5 | 289 | Sn | 9:14:39.43 | | | 0.35 |
| KOLS | 168.8 | 9 | Sn | 9:14:44.42 | | | 3.95* |

1357.

2021-09-09 time: 9:33:50.72 UTC ML= 1.5
 lat: 46.052N lon: 22.076E h= 0.0 km
 erh= 4.4km erz= ***km
 nr= 6 gap=163 rms=0.62
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| SIRR | 40.1 | 307 | Pg | 9:33:57.84 | | | -0.04 |
| | | | Sg | 34:03.16 | | | -0.30 |
| GZR | 91.3 | 143 | Pg | 9:34:07.48 | | | 0.45 |
| | | | Sg | 34:18.91 | | | -0.84 |
| DRGR | 95.6 | 31 | Pg | 9:34:08.47 | | | 0.68 |
| | | | Sg | 34:19.83 | | | -1.28 |

1358.

2021-09-09 time: 10:00:11.03 UTC ML= 1.4
 lat: 47.355N lon: 18.457E h= 0.0 km
 erh= 2.3km erz= 812km
 nr= 7 gap=114 rms=0.54
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| CSKK | 14.8 | 273 | Pg | 10:00:14.25 | | | 0.57 |
| | | | Sg | 00:15.71 | | | -0.04 |

Földrengés paraméterek

Hypocenter Parameters

PKST 33.7 251 Sg 10:00:21.53 -0.21
 PSZ 124.9 60 Sg 10:00:51.35 0.63
 MORH 127.5 174 Sg 10:00:51.35 -0.21
 PKSM 127.9 174 Sg 10:00:51.15 -0.55
 VYHS 129.7 13 Sg 10:00:51.20 -1.07

RONA 26.7 151 Sg 27:53.92 -0.12
 Pg 11:27:52.51 -0.05
 Sg 27:56.28 0.00
 KRUC 129.7 9 Pg 11:28:11.62 0.67
 Sg 28:28.61 -0.41

1359.

2021-09-09 time: 11:07:51.25 UTC ML= 2.0
 lat: 47.759N lon: 17.614E h= 11.4 km
 erh= 1.7km erz= 1.9km
 nr= 25 gap= 57 rms=0.83
 Locality: Vámoszabadi
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| EGYH | 43.5 | 209 | Pg | 11:07:59.87 | 0.58 |
| | | | Sg | 08:06.31 | 0.75 |
| SRO | 52.7 | 83 | Pg | 11:08:01.65 | 0.76 |
| | | | Sg | 08:08.59 | 0.19 |
| ZST | 61.8 | 322 | Pg | 11:08:02.64 | 0.16 |
| | | | Sg | 08:10.28 | -0.96 |
| PKST | 64.0 | 150 | Pg | 11:08:03.23 | 0.37 |
| | | | Sg | 08:10.98 | -0.92 |
| CSKK | 65.6 | 132 | Sg | 11:08:11.26 | -1.15 |
| MPLH | 65.7 | 185 | Pg | 11:08:03.18 | 0.02 |
| | | | Sg | 08:11.24 | -1.21 |
| MODS | 72.8 | 340 | Pg | 11:08:04.68 | 0.27 |
| | | | Sg | 08:14.32 | -0.36 |
| SOP | 79.7 | 264 | Sg | 11:08:15.93 | -0.91 |
| SMOL | 85.1 | 351 | Sg | 11:08:16.73 | -1.80 |
| RONA | 99.1 | 266 | P* | 11:08:08.94 | -0.07 |
| | | | S* | 08:20.99 | -1.87 |
| WINA | 121.5 | 289 | Pn | 11:08:12.65 | 0.67 |
| | | | Sn | 08:27.09 | -1.06 |
| VYHS | 122.3 | 48 | Pn | 11:08:12.46 | 0.38 |
| | | | Sn | 08:27.26 | -1.07 |
| CONA | 132.5 | 278 | Pn | 11:08:14.40 | 1.04 |
| | | | Sn | 08:29.96 | -0.64 |
| ARSA | 167.4 | 250 | Sn | 11:08:39.24 | 0.90 |
| KRUC | 170.7 | 328 | Pn | 11:08:20.44 | 2.32 |

1360.

2021-09-09 time: 11:17:10.84 UTC ML= 1.4
 lat: 48.902N lon: 21.055E h= 0.0 km
 erh= 2.1km erz= 4.9km
 nr= 11 gap= 81 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| STHS | 58.9 | 13 | Pg | 11:17:21.65 | 0.29 |
| | | | Sg | 17:29.18 | -0.39 |
| KECS | 62.6 | 222 | Pg | 11:17:22.23 | 0.21 |
| | | | Sg | 17:30.63 | -0.11 |
| ABAH | 68.7 | 169 | Pg | 11:17:23.79 | 0.69 |
| | | | Sg | 17:31.59 | -1.08 |
| NIE | 79.0 | 317 | Sg | 11:17:35.31 | -0.63 |
| KOLS | 89.3 | 88 | Pg | 11:17:27.66 | 0.87 |
| | | | Sg | 17:37.51 | -1.73 |
| LANS | 119.3 | 283 | Sg | 11:17:48.26 | -0.51 |
| PSZ | 139.1 | 218 | Sn | 11:17:53.83 | -0.39 |

1361.

2021-09-09 time: 11:27:47.79 UTC ML= 1.0
 lat: 47.910N lon: 16.123E h= 0.0 km
 erh= 1.9km erz= 521km
 nr= 6 gap=142 rms=0.32
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CONA | 19.7 | 276 | Pg | 11:27:51.11 | -0.19 |

1362.

2021-09-09 time: 13:43:23.39 UTC ML= 1.9
 lat: 47.100N lon: 19.395E h= 0.0 km
 erh= 4.7km erz= 7.7km
 nr= 12 gap=169 rms=0.75
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.7 | 252 | Pg | 13:43:26.90 | 0.16 |
| | | | Sg | 43:29.01 | -0.34 |
| PKB5 | 75.4 | 222 | Pg | 13:43:37.40 | 0.54 |
| | | | Sg | 43:47.24 | -0.12 |
| PKB3 | 76.7 | 192 | Pg | 13:43:38.70 | 1.61 |
| PENC | 77.2 | 354 | Pg | 13:43:37.95 | 0.76 |
| PKB4 | 90.3 | 222 | Pg | 13:43:39.66 | 0.14 |
| PSZ | 98.4 | 22 | Pg | 13:43:40.21 | -0.76 |
| MORH | 113.9 | 210 | Pg | 13:43:43.32 | -0.41 |
| PKSM | 114.4 | 210 | Pg | 13:43:43.02 | -0.80 |
| | | | Sg | 43:57.73 | -2.02 |
| KOVH | 150.0 | 221 | Pn | 13:43:48.84 | -0.29 |

1363.

2021-09-10 time: 7:16:43.02 UTC ML= 1.9
 lat: 47.896N lon: 19.417E h= 0.0 km
 erh= 2.1km erz= 2.0km
 nr= 22 gap=100 rms=0.88
 Locality: Bercel
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 15.4 | 221 | Pg | 7:16:45.53 | -0.25 |
| | | | Sg | 16:48.65 | 0.72 |
| PSZ | 35.8 | 86 | Pg | 7:16:49.63 | 0.21 |
| | | | Sg | 16:54.45 | 0.04 |
| VYHS | 79.3 | 327 | Pg | 7:16:57.81 | 0.63 |
| | | | Sg | 17:07.65 | -0.58 |
| PKSG | 95.3 | 234 | Pg | 7:17:01.90 | 1.86 |
| KECS | 102.9 | 51 | Pg | 7:17:01.53 | 0.13 |
| | | | Sg | 17:14.68 | -1.05 |
| CSKK | 105.1 | 236 | Pg | 7:17:02.13 | 0.34 |
| | | | Sg | 17:14.98 | -1.46 |
| PKST | 125.8 | 236 | Pg | 7:17:04.01 | -1.47 |
| PKB1 | 132.2 | 201 | Sn | 7:17:23.42 | -1.47 |
| LANS | 139.6 | 2 | Sn | 7:17:24.92 | -1.61 |
| ABAH | 142.9 | 72 | Pn | 7:17:08.96 | 1.09 |
| | | | Sn | 17:26.43 | -0.83 |
| PKB5 | 153.5 | 200 | Sn | 7:17:29.64 | 0.03 |
| PKS2 | 156.8 | 186 | Sn | 7:17:30.25 | -0.09 |
| EGYH | 165.4 | 251 | Sn | 7:17:32.25 | 0.00 |
| MODS | 167.9 | 288 | Sn | 7:17:32.86 | 0.06 |
| NIE | 181.8 | 21 | Sn | 7:17:36.67 | 0.77 |
| KOVH | 224.5 | 206 | Sn | 7:17:45.81 | 0.44 |

1364.

2021-09-10 time: 7:53:39.84 UTC ML= 1.8
 lat: 48.443N lon: 17.226E h= 0.0 km
 erh= 3.6km erz= 729km
 nr= 8 gap=202 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MODS | 8.6 | 153 | PgU | 7:53:41.35 | -0.03 |
| | | | Sg | 53:42.72 | 0.15 |
| SMOL | 17.0 | 62 | Pg | 7:53:42.98 | 0.10 |

Hypocenter Parameters

| | | | | |
|------|-----------|----|------------|-------|
| | | Sg | 53:45.13 | -0.11 |
| ZST | 28.9 198 | Pg | 7:53:44.93 | -0.07 |
| | | Sg | 53:48.15 | -0.88 |
| SOP | 98.0 210 | Sg | 7:54:08.82 | -2.17 |
| RONA | 107.8 220 | Pg | 7:53:59.84 | 0.75 |

1365.

2021-09-10 time: 7:57:02.38 UTC ML= 1.0
 lat: 46.137N lon: 18.035E h= 0.0 km
 erh= 1.2km erz= 173km
 nr= 8 gap=291 rms=0.13
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 7.3 | 137 | Pg | 7:57:03.54 | -0.15 |
| | | | Sg | 57:04.79 | 0.08 |
| PKSV | 32.3 | 149 | Pg | 7:57:08.26 | 0.11 |
| | | | Sg | 57:12.27 | -0.38 |
| PKSM | 47.5 | 80 | Pg | 7:57:10.82 | -0.05 |
| | | | Sg | 57:17.45 | -0.04 |
| MORH | 47.8 | 79 | Pg | 7:57:11.02 | 0.10 |
| | | | Sg | 57:17.70 | 0.12 |

1366.

2021-09-10 time: 10:00:41.08 UTC ML= 1.6
 lat: 48.140N lon: 16.910E h= 0.0 km
 erh= 2.5km erz= 3.4km
 nr= 6 gap=183 rms=0.27
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 15.6 | 67 | Pg | 10:00:44.16 | 0.29 |
| | | | Sg | 00:46.07 | 0.03 |
| MODS | 37.7 | 46 | Pg | 10:00:47.77 | -0.03 |
| | | | Sg | 00:52.94 | -0.10 |
| RONA | 67.1 | 223 | Pg | 10:00:52.94 | -0.12 |
| VYHS | 148.2 | 75 | Sn | 10:01:24.63 | -1.86 |

1367.

2021-09-10 time: 10:05:40.12 UTC ML= 1.6
 lat: 45.936N lon: 22.862E h= 0.0 km
 erh= 4.1km erz= 6.9km
 nr= 9 gap=115 rms=0.87
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 6.7 | 152 | Pg | 10:05:40.92 | -0.39 |
| | | | Sg | 05:42.92 | 0.68 |
| GZR | 60.7 | 186 | Pg | 10:05:51.16 | 0.20 |
| | | | Sg | 05:59.39 | -0.03 |
| DRGR | 95.8 | 353 | Pg | 10:05:58.79 | 1.57 |
| | | | Sg | 06:08.93 | -1.63 |
| BZS | 103.2 | 250 | Sg | 10:06:11.97 | -0.95 |
| VOIR | 179.2 | 108 | Pn | 10:06:09.16 | -0.33 |
| | | | Sn | 06:31.85 | -0.56 |

1368.

2021-09-10 time: 11:00:17.71 UTC ML= 1.4
 lat: 47.704N lon: 18.723E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 13 gap=112 rms=1.16
 Locality: Csolnok
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| BUD | 33.3 | 137 | Sg | 11:00:28.98 | 0.68 |
| PENC | 43.0 | 77 | Sg | 11:00:31.29 | -0.09 |

Földrengés paraméterek

| | | | | |
|------|-----------|----|-------------|-------|
| CSKK | 51.4 223 | Pg | 11:00:26.67 | -0.23 |
| | | Sg | 00:33.80 | -0.26 |
| PKST | 71.7 226 | Pg | 11:00:30.76 | 0.25 |
| | | Sg | 00:39.83 | -0.67 |
| VYHS | 88.3 5 | Pg | 11:00:34.71 | 1.24 |
| | | Sg | 00:42.84 | -2.93 |
| PSZ | 90.9 75 | Pg | 11:00:35.78 | 1.83 |
| | | Sg | 00:44.55 | -2.06 |
| MPLH | 107.2 236 | Sg | 11:00:51.48 | -0.30 |
| EGYH | 109.4 253 | Sg | 11:00:52.28 | -0.22 |
| PKB2 | 121.0 161 | Sg | 11:00:54.69 | -1.48 |

1369.

2021-09-10 time: 11:31:53.38 UTC ML= 0.9
 lat: 47.877N lon: 16.442E h= 0.0 km
 erh= 0.7km erz= 168km
 nr= 6 gap=161 rms=0.10
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 22.5 | 209 | Pg | 11:31:57.26 | -0.15 |
| | | | Sg | 32:00.70 | 0.16 |
| CONA | 43.8 | 278 | Pg | 11:32:01.18 | -0.02 |
| | | | Sg | 32:07.38 | 0.07 |
| MODS | 83.2 | 48 | Pg | 11:32:08.31 | 0.07 |
| | | | Sg | 32:19.78 | -0.04 |

1370.

2021-09-10 time: 15:34:07.65 UTC ML= 1.3
 lat: 45.518N lon: 17.329E h= 0.0 km
 erh= 9.7km erz= 13.7km
 nr= 10 gap=127 rms=0.88
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 82.9 | 60 | Pg | 15:34:23.73 | 1.28 |
| | | | Sg | 34:34.02 | 0.03 |
| BLY | 86.3 | 188 | Sg | 15:34:34.62 | -0.45 |
| KOVH | 87.2 | 43 | Pg | 15:34:23.69 | 0.46 |
| | | | Sg | 34:35.14 | -0.24 |
| PKSM | 127.8 | 53 | Pg | 15:34:31.15 | 0.68 |
| | | | Sg | 34:46.63 | -1.65 |
| MORH | 128.3 | 53 | Pg | 15:34:30.37 | -0.18 |
| | | | Sg | 34:46.53 | -1.89 |
| CRES | 149.8 | 283 | Sn | 15:34:52.63 | -0.79 |

1371.

2021-09-11 time: 5:20:34.64 UTC ML= 1.3
 lat: 48.422N lon: 17.135E h= 8.6 km
 erh= 1.2km erz= 1.3km
 nr= 12 gap=101 rms=0.35
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 11.8 | 117 | PgU | 5:20:37.25 | -0.01 |
| | | | Sg | 20:39.15 | -0.15 |
| SMOL | 24.0 | 65 | Pg | 5:20:39.65 | 0.46 |
| | | | Sg | 20:42.78 | 0.04 |
| WINA | 86.3 | 246 | Pg | 5:20:49.80 | -0.32 |
| KRUC | 89.5 | 323 | Pg | 5:20:50.94 | 0.23 |
| | | | Sg | 21:02.60 | -0.64 |
| RONA | 101.8 | 218 | Pg | 5:20:52.55 | -0.34 |
| | | | Sg | 21:07.52 | 0.40 |
| CONA | 109.5 | 240 | Sn | 5:21:09.93 | 0.43 |
| VYHS | 126.1 | 86 | Sn | 5:21:12.78 | -0.40 |
| MORC | 153.5 | 11 | Sn | 5:21:21.42 | 2.14* |

Földrengés paraméterek

Hypocenter Parameters

1372.

2021-09-13 time: 7:38:53.87 UTC ML= 1.4
 lat: 46.936N lon: 17.432E h= 0.0 km
 erh= 3.6km erz= 633km
 nr= 10 gap=226 rms=0.51
 Locality: Sáska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 27.3 | 17 | Pg | 7:38:58.33 | -0.41 |
| | | | Sg | 39:02.66 | 0.11 |
| PKST | 58.2 | 52 | Pg | 7:39:05.13 | 0.87 |
| | | | Sg | 39:11.66 | -0.70 |
| KOVH | 107.3 | 151 | Pg | 7:39:13.47 | 0.45 |
| | | | Sg | 39:28.18 | 0.21 |
| MORH | 122.7 | 131 | Pg | 7:39:15.23 | -0.54 |
| | | | Sg | 39:32.98 | 0.12 |
| PKSM | 122.8 | 131 | Pg | 7:39:15.90 | 0.10 |
| | | | Sg | 39:32.18 | -0.72 |

1373.

2021-09-13 time: 8:56:00.03 UTC ML= 1.6
 lat: 46.980N lon: 22.703E h= 0.0 km
 erh= 4.0km erz= 2.9km
 nr= 6 gap=268 rms=0.52
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 20.9 | 178 | Pg | 8:56:04.11 | 0.33 |
| | | | Sg | 56:06.72 | 0.03 |
| SIRR | 112.5 | 225 | Sg | 8:56:35.44 | -0.36 |
| GZR | 176.5 | 178 | Pn | 8:56:29.42 | 0.35 |
| | | | Sn | 56:50.30 | -1.42 |
| VOIR | 249.4 | 133 | Sn | 8:57:06.77 | -1.14 |

1374.

2021-09-13 time: 11:01:00.29 UTC ML= 1.7
 lat: 48.341N lon: 19.891E h= 0.0 km
 erh= 2.3km erz= 951km
 nr= 12 gap= 87 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 46.8 | 70 | Pg | 11:01:09.13 | 0.49 |
| | | | Sg | 01:15.84 | 0.68 |
| PSZ | 47.0 | 180 | Pg | 11:01:09.13 | 0.44 |
| | | | Sg | 01:15.16 | -0.08 |
| PENC | 76.2 | 217 | Sg | 11:01:24.27 | -0.25 |
| VYHS | 79.9 | 282 | Pg | 11:01:15.23 | 0.67 |
| | | | Sg | 01:24.40 | -1.29 |
| LANS | 95.2 | 341 | Pg | 11:01:17.64 | 0.34 |
| | | | Sg | 01:29.79 | -0.77 |
| ABAH | 100.1 | 93 | Sg | 11:01:30.22 | -1.90 |
| NIE | 123.8 | 14 | Pg | 11:01:22.59 | 0.19 |
| | | | Sg | 01:37.45 | -2.19 |

1375.

2021-09-14 time: 6:41:14.13 UTC ML= 1.5
 lat: 47.907N lon: 20.038E h= 0.0 km
 erh= 2.9km erz= 591km
 nr= 10 gap=193 rms=0.46
 Locality: Paráđ
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| PSZ | 10.8 | 277 | Pg | 6:41:16.30 | 0.24 |
| | | | Sg | 41:17.86 | 0.30 |
| PENC | 58.1 | 257 | Pg | 6:41:24.53 | 0.03 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| | | | Sg | 41:32.47 | -0.11 |
| KECS | 72.2 | 27 | Pg | 6:41:27.94 | 0.91 |
| | | | Sg | 41:36.84 | -0.24 |
| ABAH | 99.4 | 64 | Pg | 6:41:31.51 | -0.38 |
| | | | Sg | 41:45.37 | -0.36 |
| VYHS | 110.6 | 306 | Pg | 6:41:33.72 | -0.17 |
| | | | Sg | 41:47.98 | -1.31 |

1376.

2021-09-14 time: 7:45:21.20 UTC ML= 1.2
 lat: 47.327N lon: 18.456E h= 0.0 km
 erh= 2.6km erz= 3.5km
 nr= 9 gap=115 rms=0.65
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.3 | 285 | Pg | 7:45:23.93 | 0.01 |
| | | | Sg | 45:25.76 | -0.29 |
| PKST | 32.8 | 257 | Pg | 7:45:27.44 | 0.39 |
| | | | Sg | 45:31.85 | 0.24 |
| MORH | 124.4 | 173 | Sg | 7:45:59.97 | -0.77 |
| PKSM | 124.8 | 173 | Sg | 7:46:00.57 | -0.30 |
| PSZ | 126.5 | 59 | Sg | 7:46:03.28 | 1.86 |
| VYHS | 132.8 | 12 | Sn | 7:46:01.77 | -1.42 |
| KOVH | 140.4 | 191 | Sn | 7:46:05.19 | 0.31 |

1377.

2021-09-14 time: 7:56:23.20 UTC ML= 1.1
 lat: 47.344N lon: 18.471E h= 0.0 km
 erh= 2.1km erz= 3.0km
 nr= 9 gap=115 rms=0.62
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 16.1 | 278 | PgU | 7:56:26.40 | 0.33 |
| | | | Sg | 56:27.76 | -0.55 |
| PKST | 34.4 | 254 | Pg | 7:56:30.07 | 0.73 |
| | | | Sg | 56:33.93 | -0.20 |
| PSZ | 124.6 | 59 | Sg | 7:57:03.61 | 0.82 |
| MORH | 126.1 | 174 | Sg | 7:57:02.80 | -0.49 |
| PKSM | 126.5 | 174 | Sg | 7:57:02.80 | -0.62 |
| VYHS | 130.7 | 12 | Sn | 7:57:03.41 | -1.32 |
| KOVH | 142.5 | 192 | Sn | 7:57:07.12 | -0.22 |

1378.

2021-09-14 time: 8:54:26.49 UTC ML= 1.4
 lat: 47.008N lon: 18.009E h= 0.0 km
 erh= 1.3km erz= 4.9km
 nr= 10 gap=125 rms=0.42
 Locality: Balatonalmádi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| TIH | 14.9 | 216 | Pg | 8:54:29.82 | 0.66 |
| PKST | 27.9 | 4 | Pg | 8:54:31.43 | -0.04 |
| | | | Sg | 54:35.64 | 0.28 |
| MPLH | 39.9 | 297 | Pg | 8:54:33.64 | 0.02 |
| | | | Sg | 54:38.66 | -0.52 |
| CSKK | 43.8 | 26 | Sg | 8:54:40.02 | -0.39 |
| MORH | 100.7 | 151 | Sg | 8:54:58.40 | -0.08 |
| PKSM | 100.9 | 151 | Sg | 8:54:58.00 | -0.57 |
| KOVH | 102.5 | 176 | Sg | 8:54:58.80 | -0.28 |
| VYHS | 176.4 | 21 | Sn | 8:55:19.49 | 1.32 |

Hypocenter Parameters

Földrengés paraméterek

1379.

2021-09-14 time: 10:49:13.37 UTC ML= 1.4
 lat: 48.482N lon: 19.576E h= 0.0 km
 erh= 2.3km erz= 761km
 nr= 7 gap=112 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 54.7 | 271 | Sg | 10:49:30.70 | -0.07 |
| PSZ | 67.0 | 159 | Pg | 10:49:25.59 | 0.25 |
| | | | Sg | 49:33.91 | -0.76 |
| KECS | 67.2 | 90 | Pg | 10:49:25.68 | 0.30 |
| | | | Sg | 49:35.03 | 0.29 |
| LANS | 74.8 | 354 | Sg | 10:49:37.27 | 0.14 |
| NIE | 117.3 | 27 | Sg | 10:49:49.09 | -1.57 |

1380.

2021-09-14 time: 10:51:51.07 UTC ML= 1.3
 lat: 48.477N lon: 19.562E h= 0.0 km
 erh= 2.2km erz= 680km
 nr= 7 gap=114 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.7 | 272 | Pg | 10:52:00.93 | 0.27 |
| | | | Sg | 52:07.76 | -0.37 |
| PSZ | 66.9 | 158 | Pg | 10:52:03.24 | 0.23 |
| | | | Sg | 52:11.78 | -0.55 |
| KECS | 68.3 | 89 | Pg | 10:52:03.74 | 0.47 |
| | | | Sg | 52:11.78 | -1.00 |
| LANS | 75.2 | 355 | Sg | 10:52:14.69 | -0.28 |

1381.

2021-09-14 time: 11:48:09.78 UTC ML= 1.7
 lat: 48.638N lon: 20.775E h= 0.0 km
 erh= 2.9km erz= 542km
 nr= 6 gap=197 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 27.4 | 231 | Pg | 11:48:14.56 | -0.12 |
| | | | Sg | 48:17.92 | -0.58 |
| ABAH | 51.3 | 138 | Pg | 11:48:19.02 | 0.09 |
| PSZ | 103.3 | 219 | Pg | 11:48:28.06 | -0.17 |
| | | | Sg | 48:43.63 | 1.01 |
| LANS | 111.5 | 301 | Pg | 11:48:29.92 | 0.23 |

1382.

2021-09-15 time: 0:37:07.94 UTC ML= 0.6
 lat: 45.835N lon: 18.342E h= 5.9 km
 erh= 0.8km erz= 1.7km
 nr= 8 gap=281 rms=0.08
 Locality: Siklónagyfalu
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 9.1 | 310 | Pg | 0:37:09.94 | 0.06 |
| | | | Sg | 37:10.81 | -0.58 |
| KOVH | 33.8 | 326 | Pg | 0:37:14.03 | -0.04 |
| | | | Sg | 37:18.87 | 0.02 |
| PKSM | 47.8 | 29 | Pg | 0:37:16.46 | -0.08 |
| | | | Sg | 37:23.29 | 0.04 |
| MORH | 48.3 | 29 | Pg | 0:37:16.66 | 0.03 |
| | | | Sg | 37:23.48 | 0.07 |

1383.

2021-09-15 time: 8:06:28.68 UTC ML= 1.3
 lat: 47.790N lon: 16.154E h= 12.2 km
 erh= 2.0km erz= 1.4km
 nr= 18 gap= 87 rms=0.72
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 14.6 | 133 | Pg | 8:06:32.38 | 0.30 |
| | | | Sg | 06:34.14 | -0.60 |
| CONA | 26.8 | 305 | Pg | 8:06:34.84 | 0.90 |
| | | | Sg | 06:37.61 | -0.43 |
| SOP | 32.5 | 111 | Pg | 8:06:34.99 | 0.10 |
| | | | Sg | 06:39.20 | -0.53 |
| WINA | 35.8 | 350 | Pg | 8:06:36.16 | 0.71 |
| | | | Sg | 06:41.26 | 0.54 |
| ARSA | 76.5 | 218 | Pg | 8:06:42.17 | -0.35 |
| | | | Sg | 06:51.06 | -2.25 |
| MODS | 105.9 | 52 | Pn | 8:06:47.09 | -0.27 |
| | | | Sn | 07:00.35 | -1.58 |
| ABNA | 111.6 | 331 | Pn | 8:06:48.03 | -0.05 |
| | | | Sn | 07:01.53 | -1.68 |
| KRUC | 142.6 | 7 | Pn | 8:06:52.58 | 0.64 |
| | | | Sn | 07:10.00 | -0.07 |
| PERS | 150.5 | 212 | Sn | 8:07:12.51 | 0.69 |
| GROS | 155.8 | 199 | Sn | 8:07:13.92 | 0.92 |

1384.

2021-09-15 time: 8:47:45.52 UTC ML= 1.6
 lat: 46.893N lon: 17.325E h= 0.0 km
 erh= 4.7km erz=10.7km
 nr= 14 gap= 93 rms=1.52
 Locality: Várkölyg
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 34.8 | 28 | Pg | 8:47:52.51 | 0.77 |
| | | | Sg | 47:56.34 | -0.25 |
| EGYH | 58.3 | 0 | Sg | 8:48:04.67 | 0.63 |
| PKST | 67.5 | 53 | Pg | 8:47:57.74 | 0.17 |
| | | | Sg | 48:06.58 | -0.39 |
| PKS9 | 80.4 | 115 | Sg | 8:48:10.70 | -0.39 |
| CSKK | 88.1 | 54 | Sg | 8:48:12.10 | -1.43 |
| KOGS | 96.0 | 239 | Sg | 8:48:13.51 | -2.52 |
| KOVH | 107.4 | 146 | Pg | 8:48:06.26 | 1.56 |
| | | | Sg | 48:17.12 | -2.55 |
| MORH | 126.1 | 127 | Sg | 8:48:23.13 | -2.47 |
| PKSM | 126.2 | 127 | Pg | 8:48:10.88 | 2.82 |
| | | | Sg | 48:24.94 | -0.69 |
| ARSA | 142.5 | 286 | Sn | 8:48:29.28 | -0.39 |

1385.

2021-09-15 time: 9:18:31.22 UTC ML= 0.7
 lat: 47.224N lon: 18.296E h= 0.0 km
 erh= 2.0km erz= 2.8km
 nr= 7 gap=114 rms=0.51
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.7 | 350 | Pg | 9:18:34.64 | 0.61 |
| | | | Sg | 18:36.07 | -0.14 |
| PKST | 20.2 | 281 | Pg | 9:18:34.95 | 0.11 |
| | | | Sg | 18:37.13 | -0.52 |
| MORH | 115.2 | 167 | Sg | 9:19:08.13 | 0.29 |
| PSZ | 142.9 | 57 | Sn | 9:19:14.23 | -1.23 |
| VYHS | 146.9 | 16 | Sn | 9:19:15.86 | -0.48 |

Földrengés paraméterek

Hypocenter Parameters

1386.

2021-09-15 time: 10:09:40.48 UTC ML= 1.5
 lat: 47.812N lon: 20.169E h= 0.0 km
 erh= 6.0km erz= ***km
 nr= 9 gap=212 rms=0.78
 Locality: Vécs
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 23.6 | 300 | Pg | 10:09:45.31 | 0.61 |
| | | | Sg | 09:48.47 | 0.47 |
| PENC | 66.5 | 268 | Sg | 10:10:00.22 | -1.40 |
| | | | Pg | 10:09:54.80 | 0.35 |
| KECS | 78.2 | 18 | Sg | 10:05.14 | -0.20 |
| | | | Pg | 10:09:58.11 | 0.44 |
| ABAH | 96.3 | 56 | Sg | 10:09:76 | -1.32 |
| | | | Pg | 10:10:02.93 | 0.17 |
| VYHS | 124.8 | 307 | Pg | 10:17.29 | -2.85 |
| | | | Sg | | |

1387.

2021-09-15 time: 12:58:31.92 UTC ML= 1.1
 lat: 46.671N lon: 18.451E h= 12.1 km
 erh= 1.4km erz= 3.4km
 nr= 17 gap=99 rms=0.50
 Locality: Pincehely
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKS9 | 16.2 | 235 | Pg | 12:58:35.70 | 0.18 |
| | | | Sg | 58:37.95 | -0.38 |
| PKB4 | 22.7 | 149 | Pg | 12:58:37.40 | 0.89 |
| | | | Sg | 58:40.51 | 0.43 |
| PKB5 | 23.4 | 111 | Pg | 12:58:37.04 | 0.42 |
| | | | Sg | 58:40.13 | -0.15 |
| PKB1 | 29.0 | 64 | PgD | 12:58:37.44 | -0.08 |
| | | | Sg | 58:40.91 | -0.98 |
| MORH | 52.7 | 164 | Pg | 12:58:41.97 | 0.39 |
| | | | Sg | 58:48.53 | -0.58 |
| PKSM | 53.1 | 164 | Pg | 12:58:41.86 | 0.22 |
| | | | Sg | 58:48.45 | -0.77 |
| PKB2 | 60.5 | 90 | Sg | 12:58:51.04 | -0.49 |
| | | | Pg | 12:58:44.68 | 0.04 |
| KOVH | 70.2 | 203 | Sg | 58:53.25 | -1.30 |
| | | | Pg | 12:58:55.44 | 0.11 |
| PKST | 72.7 | 334 | Sg | 12:58:58.81 | -0.60 |
| PKS6 | 85.6 | 95 | Sg | | |

1388.

2021-09-15 time: 13:21:12.08 UTC ML= 1.8
 lat: 47.315N lon: 16.354E h= 0.0 km
 erh= 1.9km erz= 9.5km
 nr= 17 gap= 68 rms=0.88
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 43.0 | 354 | Pg | 13:21:19.95 | 0.20 |
| | | | Sg | 21:25.57 | -0.17 |
| ARSA | 63.2 | 263 | Sg | 13:21:31.89 | -0.29 |
| CONA | 77.5 | 332 | Pg | 13:21:27.38 | 1.45 |
| | | | Sg | 21:36.11 | -0.62 |
| MPLH | 91.2 | 100 | Pg | 13:21:28.98 | 0.60 |
| | | | Sg | 21:39.83 | -1.25 |
| KOGS | 96.7 | 185 | Pg | 13:21:30.09 | 0.73 |
| | | | Sg | 21:42.65 | -0.18 |
| BEHE | 99.3 | 161 | Sg | 13:21:44.15 | 0.50 |
| GROS | 115.0 | 214 | Sg | 13:21:47.56 | -1.09 |
| PERS | 120.7 | 231 | Pg | 13:21:34.10 | 0.47 |
| | | | Sg | 21:48.77 | -1.67 |
| SOKA | 122.9 | 235 | Pg | 13:21:34.30 | 0.26 |
| | | | Sg | 21:50.17 | -0.99 |
| PKST | 127.3 | 93 | Sg | 13:21:51.07 | -1.48 |
| MODS | 136.5 | 30 | Sn | 13:21:52.08 | -2.82 |

1389.

2021-09-16 time: 6:38:39.18 UTC ML= 1.3
 lat: 48.748N lon: 19.293E h= 0.0 km
 erh= 7.4km erz= ***km
 nr= 6 gap=238 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 43.9 | 230 | Pg | 6:38:47.61 | 0.59 |
| | | | Sg | 38:52.53 | -0.61 |
| KECS | 92.7 | 108 | Pg | 6:38:55.09 | -0.64 |
| | | | Sg | 39:10.30 | 1.66 |
| PSZ | 102.4 | 154 | Pg | 6:38:57.40 | -0.06 |
| | | | Sg | 39:11.41 | -0.32 |

1390.

2021-09-16 time: 8:34:49.87 UTC ML= 1.4
 lat: 47.349N lon: 18.413E h= 0.0 km
 erh= 2.4km erz= 3.3km
 nr= 13 gap=112 rms=0.87
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.6 | 278 | Pg | 8:34:52.70 | 0.75 |
| | | | Sg | 34:53.96 | 0.38 |
| PKST | 30.4 | 251 | Pg | 8:34:55.92 | 0.62 |
| | | | Sg | 34:59.46 | -0.07 |
| MPLH | 69.1 | 253 | Sg | 8:35:10.68 | -1.15 |
| MORH | 127.2 | 172 | Sg | 8:35:29.41 | -0.91 |
| PKSM | 127.6 | 172 | Sg | 8:35:29.56 | -0.89 |
| PSZ | 128.0 | 60 | Pg | 8:35:13.49 | 0.75 |
| | | | Sg | 35:29.96 | -0.61 |
| VYHS | 131.1 | 14 | Pn | 8:35:13.99 | 0.73 |
| | | | Sn | 35:29.86 | -1.64 |
| MODS | 142.1 | 323 | Sn | 8:35:31.76 | -2.18 |
| KOVH | 142.2 | 190 | Sn | 8:35:33.87 | -0.09 |

1391.

2021-09-16 time: 8:44:57.03 UTC ML= 1.1
 lat: 48.405N lon: 20.737E h= 0.0 km
 erh= 4.7km erz= ***km
 nr= 5 gap=173 rms=0.45
 Locality: Szendrő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 20.5 | 295 | Pg | 8:45:00.84 | 0.14 |
| | | | Sg | 45:02.97 | -0.59 |
| ABAH | 39.2 | 108 | Sg | 8:45:09.30 | -0.18 |
| PSZ | 82.8 | 229 | Pg | 8:45:12.38 | 0.56 |
| | | | Sg | 45:22.70 | -0.66 |

1392.

2021-09-16 time: 8:51:48.37 UTC ML= 1.4
 lat: 46.185N lon: 18.275E h= 0.0 km
 erh= 1.2km erz= 165km
 nr= 8 gap=211 rms=0.12
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.3 | 232 | PgU | 8:51:51.35 | -0.10 |
| | | | Sg | 51:53.96 | 0.11 |
| PKSM | 28.4 | 84 | Pg | 8:51:53.51 | 0.07 |
| | | | Sg | 51:57.48 | 0.08 |
| MORH | 28.7 | 83 | Pg | 8:51:53.41 | -0.08 |
| | | | Sg | 51:57.43 | -0.06 |

Hypocenter Parameters

PKSV 33.0 183 Pg 8:51:54.37 0.12
Sg 51:58.38 -0.46

1393.

2021-09-16 time: 9:08:49.95 UTC ML= 1.6
lat: 46.049N lon: 22.844E h= 0.0 km
erh= 2.2km erz= 4.4km
nr= 12 gap=119 rms=0.53
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.9 | 166 | Pg | 9:08:53.45 | 0.12 |
| | | | Sg | 08:56.07 | 0.11 |
| GZR | 73.0 | 184 | Pg | 9:09:03.12 | 0.13 |
| | | | Sg | 09:12.39 | -0.77 |
| DRGR | 83.2 | 353 | Pg | 9:09:05.00 | 0.19 |
| | | | Sg | 09:15.48 | -0.92 |
| SIRR | 94.7 | 285 | Pg | 9:09:07.32 | 0.47 |
| | | | Sg | 09:19.64 | -0.40 |
| BZS | 106.8 | 243 | Pg | 9:09:09.34 | 0.32 |
| | | | Sg | 09:22.44 | -1.45 |
| VOIR | 184.6 | 112 | Pn | 9:09:20.65 | 0.65 |
| | | | Sn | 09:42.38 | -1.06 |

1394.

2021-09-16 time: 9:15:42.23 UTC ML= 1.7
lat: 46.102N lon: 21.787E h= 0.0 km
erh= 2.2km erz= 4.4km
nr= 8 gap=138 rms=0.48
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 20.8 | 332 | Pg | 9:15:45.89 | -0.06 |
| | | | Sg | 15:48.39 | -0.46 |
| BZS | 55.5 | 194 | Pg | 9:15:52.51 | 0.36 |
| | | | Sg | 15:59.14 | -0.74 |
| DRGR | 104.5 | 43 | Pg | 9:16:01.55 | 0.66 |
| | | | Sg | 16:14.75 | -0.69 |
| GZR | 110.2 | 136 | Sg | 9:16:16.96 | -0.29 |
| CJR | 155.0 | 64 | Sn | 9:16:29.47 | 0.33 |

1395.

2021-09-16 time: 9:18:20.11 UTC ML= 1.9
lat: 48.810N lon: 21.628E h= 0.0 km
erh= 2.5km erz= 4.1km
nr= 15 gap= 96 rms=0.94
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOLS | 49.3 | 74 | Pg | 9:18:29.58 | 0.67 |
| | | | Sg | 18:35.69 | -0.08 |
| ABAH | 64.0 | 207 | Pg | 9:18:32.09 | 0.56 |
| | | | Sg | 18:37.61 | -2.82 |
| STHS | 73.1 | 337 | Pg | 9:18:32.49 | -0.67 |
| | | | Sg | 18:42.72 | -0.61 |
| KECS | 91.7 | 247 | Pg | 9:18:37.50 | 1.02 |
| | | | Sg | 18:47.44 | -1.81 |
| TRPA | 101.3 | 138 | Pg | 9:18:38.41 | 0.22 |
| | | | Sg | 18:50.96 | -1.33 |
| NIE | 117.5 | 305 | Pg | 9:18:40.92 | -0.16 |
| | | | Sg | 18:55.28 | -2.17 |
| PSZ | 162.3 | 232 | Pn | 9:18:48.15 | 0.78 |
| | | | Sn | 19:09.74 | 1.10 |
| LANS | 162.6 | 283 | Pn | 9:18:47.75 | 0.33 |

1396.

2021-09-16 time: 9:42:45.18 UTC ML= 2.0
lat: 48.227N lon: 21.253E h= 0.0 km
erh= 1.4km erz= 1.8km
nr= 15 gap=106 rms=0.47
Locality: Tállya
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 7.8 | 352 | PgU | 9:42:47.05 | 0.47 |
| | | | Sg | 42:47.55 | -0.11 |
| KECS | 63.7 | 297 | Pg | 9:42:56.87 | 0.32 |
| | | | Sg | 43:04.65 | -0.77 |
| TRPA | 96.2 | 96 | Pg | 9:43:02.64 | 0.28 |
| | | | Sg | 43:15.14 | -0.63 |
| PSZ | 106.9 | 251 | Pg | 9:43:04.40 | 0.12 |
| | | | Sg | 43:17.85 | -1.32 |
| KOLS | 108.8 | 44 | Pg | 9:43:04.90 | 0.29 |
| | | | Sg | 43:19.26 | -0.51 |
| NIE | 149.5 | 332 | Sn | 9:43:29.75 | -1.14 |
| LANS | 166.9 | 308 | Sn | 9:43:34.77 | 0.03 |
| VYHS | 181.6 | 279 | Sn | 9:43:38.39 | 0.38 |
| DRGR | 193.7 | 145 | Pn | 9:43:16.40 | 0.03 |
| | | | Sn | 43:40.70 | 0.01 |

1397.

2021-09-16 time: 10:04:15.99 UTC ML= 1.9
lat: 48.718N lon: 18.617E h= 0.0 km
erh= 2.1km erz= 2.5km
nr= 17 gap= 86 rms=0.84
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 29.7 | 147 | Pg | 10:04:21.26 | -0.03 |
| | | | Sg | 04:27.46 | 2.03 |
| LANS | 78.7 | 52 | Pg | 10:04:30.67 | 0.62 |
| | | | Sg | 04:41.44 | 0.43 |
| SMOL | 90.5 | 255 | Sg | 10:04:44.86 | 0.09 |
| MODS | 106.1 | 249 | Sg | 10:04:49.28 | -0.43 |
| PENC | 114.3 | 154 | Sg | 10:04:50.18 | -2.16 |
| ZST | 126.2 | 243 | Sg | 10:04:55.60 | -0.50 |
| PSZ | 129.9 | 133 | Pg | 10:04:40.04 | 0.85 |
| | | | Sg | 04:55.00 | -2.29 |
| KECS | 140.3 | 101 | Pn | 10:04:39.84 | -0.67 |
| | | | Sn | 04:58.81 | -0.83 |
| MORC | 141.4 | 326 | Pn | 10:04:40.74 | 0.09 |
| | | | Sn | 04:59.42 | -0.47 |
| NIE | 146.4 | 58 | Sn | 10:05:01.12 | 0.12 |
| PKSG | 148.4 | 187 | Sn | 10:05:01.53 | 0.08 |
| PKST | 168.0 | 195 | Sn | 10:05:06.75 | 0.96 |

1398.

2021-09-16 time: 13:12:09.63 UTC ML= 1.0
lat: 47.569N lon: 18.410E h= 0.0 km
erh= 9.3km erz= 534km
nr= 6 gap=189 rms=0.31
Locality: Tatabánya
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 25.6 | 206 | Pg | 13:12:14.16 | -0.04 |
| | | | Sg | 12:17.52 | -0.24 |
| PKST | 44.7 | 219 | Pg | 13:12:18.02 | 0.41 |
| | | | Sg | 12:23.40 | -0.44 |
| VYHS | 107.6 | 17 | Pg | 13:12:29.05 | 0.20 |
| | | | Sg | 12:43.35 | -0.48 |

Földrengés paraméterek

Hypocenter Parameters

1399.

2021-09-17 time: 4:32:32.23 UTC ML= 2.0
 lat: 45.924N lon: 16.040E h= 3.4 km
 erh= 1.1km erz= 1.5km
 nr= 20 gap=102 rms=0.41
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PTJ | 6.9 | 247 | Pg | 4:32:33.56 | -0.04 |
| | | | Sg | 32:34.89 | 0.21 |
| ZAG | 11.2 | 199 | Pg | 4:32:34.16 | -0.15 |
| | | | Sg | 32:35.79 | -0.15 |
| GCIS | 32.6 | 259 | iPg | 4:32:37.94 | -0.14 |
| | | | iSg | 32:42.22 | -0.43 |
| GOLS | 33.6 | 287 | iPg | 4:32:38.65 | 0.39 |
| | | | iSg | 32:43.75 | 0.79 |
| CRES | 46.6 | 256 | Pg | 4:32:40.31 | -0.25 |
| | | | Sg | 32:46.96 | -0.11 |
| KOGS | 60.5 | 16 | Pg | 4:32:43.59 | 0.55 |
| | | | Sg | 32:51.61 | 0.14 |
| GROS | 72.7 | 325 | Pg | 4:32:45.32 | 0.10 |
| | | | Sg | 32:54.67 | -0.68 |
| BEHE | 83.1 | 43 | Pg | 4:32:46.84 | -0.24 |
| | | | Sg | 32:58.19 | -0.47 |
| PERS | 106.4 | 318 | Sg | 4:33:04.52 | -1.54 |
| ARSA | 152.6 | 345 | Sn | 4:33:18.12 | 0.28 |
| BLY | 158.5 | 146 | Pn | 4:32:59.22 | 0.64 |
| | | | Sn | 33:18.17 | -0.97 |

1400.

2021-09-17 time: 6:58:34.60 UTC ML= 1.1
 lat: 47.404N lon: 18.442E h= 0.0 km
 erh= 5.2km erz= 759km
 nr= 7 gap=180 rms=0.51
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 14.4 | 252 | Pg | 6:58:37.25 | 0.07 |
| | | | Sg | 58:38.66 | -0.53 |
| PKST | 34.8 | 242 | Pg | 6:58:41.22 | 0.41 |
| | | | Sg | 58:45.18 | -0.47 |
| PSZ | 123.2 | 62 | Sg | 6:59:13.50 | -0.25 |
| VYHS | 124.7 | 14 | Pg | 6:58:57.43 | 0.57 |
| | | | Sg | 59:12.90 | -1.33 |

1401.

2021-09-17 time: 8:03:32.23 UTC ML= 1.2
 lat: 46.125N lon: 18.025E h= 0.0 km
 erh= 2.5km erz= 494km
 nr= 11 gap=214 rms=0.39
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KOVH | 7.0 | 125 | Pg | 8:03:33.82 | 0.34 |
| | | | Sg | 03:35.08 | 0.62 |
| PKSV | 31.6 | 146 | Pg | 8:03:37.30 | -0.56 |
| | | | Sg | 03:42.29 | 0.03 |
| PKSM | 48.5 | 78 | Pg | 8:03:40.93 | 0.04 |
| | | | Sg | 03:47.07 | -0.58 |
| MORH | 48.8 | 78 | Pg | 8:03:41.18 | 0.23 |
| | | | Sg | 03:47.22 | -0.53 |
| PKB1 | 94.1 | 39 | Pg | 8:03:49.04 | 0.02 |
| | | | Sg | 04:02.51 | 0.39 |
| PKST | 126.1 | 0 | Sg | 8:04:07.70 | -4.61* |

1402.

2021-09-17 time: 8:27:12.27 UTC ML= 1.7
 lat: 46.195N lon: 18.281E h= 0.0 km
 erh= 0.9km erz= 2.1km
 nr= 18 gap= 98 rms=0.41
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 18.3 | 230 | PgU | 8:27:15.57 | 0.03 |
| | | | Sg | 27:18.12 | 0.03 |
| PKSM | 27.9 | 86 | Pg | 8:27:17.62 | 0.38 |
| | | | Sg | 27:21.18 | 0.06 |
| MORH | 28.1 | 85 | Pg | 8:27:17.57 | 0.28 |
| | | | Sg | 27:21.08 | -0.12 |
| PKSV | 34.1 | 184 | Pg | 8:27:18.06 | -0.30 |
| | | | Sg | 27:22.59 | -0.52 |
| PKB4 | 41.7 | 37 | Sg | 8:27:25.85 | 0.32 |
| | | | Sg | 8:27:35.43 | -0.63 |
| PKB3 | 74.9 | 70 | Sg | 8:27:35.43 | -0.63 |
| | | | Sg | 8:27:36.59 | 0.04 |
| PKB1 | 76.4 | 31 | Sg | 8:27:36.59 | 0.04 |
| | | | Pg | 8:27:34.18 | 0.52 |
| PKST | 119.8 | 351 | Pg | 8:27:34.18 | 0.52 |
| | | | Sg | 27:49.44 | -0.91 |
| MPLH | 122.4 | 332 | Pg | 8:27:34.28 | 0.16 |
| | | | Sg | 27:50.44 | -0.73 |
| CSKK | 129.9 | 359 | Sg | 8:27:52.35 | -1.20 |
| KOGS | 158.9 | 280 | Sn | 8:28:00.49 | 0.43 |
| PTJ | 182.8 | 260 | Sn | 8:28:05.71 | 0.36 |

1403.

2021-09-17 time: 9:49:59.86 UTC ML= 1.5
 lat: 48.441N lon: 19.129E h= 0.0 km
 erh= 3.1km erz= 3.7km
 nr= 8 gap=162 rms=0.93
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 22.4 | 285 | Pg | 9:50:04.31 | 0.44 |
| | | | Sg | 50:07.38 | 0.39 |
| PSZ | 81.3 | 136 | Pg | 9:50:15.16 | 0.77 |
| | | | Sg | 50:25.94 | 0.23 |
| KECS | 100.5 | 87 | Pg | 9:50:18.17 | 0.37 |
| | | | Sg | 50:30.26 | -1.53 |
| CSKK | 136.3 | 208 | Sn | 9:50:41.22 | -1.40 |
| MODS | 137.3 | 267 | Sn | 9:50:40.40 | -2.45 |

1404.

2021-09-17 time: 10:31:31.69 UTC ML= 0.6
 lat: 46.018N lon: 18.466E h= 0.0 km
 erh= 1.4km erz= 273km
 nr= 8 gap=197 rms=0.20
 Locality: Máriakéménd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 21.9 | 229 | Pg | 10:31:35.69 | 0.08 |
| | | | Sg | 31:38.25 | -0.41 |
| PKSM | 25.5 | 32 | Pg | 10:31:36.24 | 0.00 |
| | | | Sg | 31:39.66 | -0.14 |
| MORH | 26.0 | 32 | Pg | 10:31:36.54 | 0.21 |
| | | | Sg | 31:39.66 | -0.29 |
| KOVH | 29.4 | 286 | Pg | 10:31:36.87 | -0.07 |
| | | | Sg | 31:41.42 | 0.38 |

Hypocenter Parameters

Földregés paraméterek

1405.

2021-09-17 time: 10:49:56.47 UTC ML= 1.3
 lat: 48.515N lon: 17.457E h= 0.0 km
 erh= 1.3km erz= 347km
 nr= 8 gap=143 rms=0.25
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| SMOL | 2.1 | 266 | Pg | 10:49:56.57 | | | -0.28 |
| | | | Sg | | 49:57.68 | | 0.54 |
| MODS | 20.6 | 220 | Pg | 10:50:00.40 | | | 0.25 |
| | | | Sg | | 50:03.22 | | 0.20 |
| ZST | 44.2 | 217 | Pg | 10:50:04.13 | | | -0.23 |
| | | | Sg | | 50:10.47 | | -0.04 |
| KRUC | 98.9 | 308 | Sg | 10:50:27.75 | | | -0.17 |
| VYHS | 101.9 | 91 | Sg | 10:50:28.98 | | | 0.11 |

1406.

2021-09-17 time: 15:12:48.54 UTC ML= 1.5
 lat: 45.515N lon: 17.676E h= 10.8 km
 erh= 1.1km erz= 0.5km
 nr= 10 gap=240 rms=0.11
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKSV | 61.1 | 47 | Pg | 15:12:59.75 | | | 0.12 |
| | | | Sg | | 13:08.33 | | 0.06 |
| KOVH | 71.7 | 27 | Pg | 15:13:01.46 | | | -0.03 |
| | | | Sg | | 13:11.45 | | -0.15 |
| PKSM | 107.8 | 44 | Pn | 15:13:07.58 | | | -0.05 |
| | | | Sn | | 13:22.49 | | -0.03 |
| MORH | 108.2 | 44 | Pn | 15:13:07.63 | | | -0.06 |
| | | | Sn | | 13:22.74 | | 0.12 |
| BEHE | 127.0 | 327 | Sn | 15:13:29.52 | | | 2.74* |
| PTJ | 140.4 | 288 | Sn | 15:13:29.77 | | | 0.01 |

1407.

2021-09-17 time: 16:52:34.27 UTC ML= 0.2
 lat: 47.724N lon: 16.126E h= 16.0 km
 erh= 4.4km erz= 2.9km
 nr= 8 gap=119 rms=0.76
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|---------|
| RONA | 13.0 | 102 | Pg | 16:52:38.21 | | | 0.26 |
| | | | Sg | | 52:39.95 | | -0.88 |
| CONA | 30.2 | 319 | Pg | 16:52:41.17 | | | 0.80 |
| | | | Sg | | 52:44.58 | | -0.55 |
| ARSA | 69.5 | 221 | Sg | 16:52:56.75 | | | -0.20 |
| ABNA | 117.2 | 334 | Pn | 16:52:54.57 | | | 0.70 |
| | | | Sn | | 53:07.17 | | -1.99 |
| KRUC | 150.1 | 8 | Sn | 16:53:16.11 | | | -0.36 |
| CFR | 965.2 | 107 | PnC | 16:53:19.38 | | | -80.22* |
| TIRR | 17.2 | 111 | PnD | 16:53:13.46 | | | -92.63* |

1408.

2021-09-18 time: 3:05:00.61 UTC ML= 2.2
 lat: 47.415N lon: 16.909E h= 8.5 km
 erh= 1.2km erz= 1.1km
 nr= 66 gap= 37 rms=0.86
 Locality: Csér
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|------|
| EGYH | 31.9 | 90 | PgD | 3:05:07.57 | | | 1.07 |
| | | | Sg | | 05:12.20 | | 1.10 |
| SOP | 39.8 | 318 | Pg | 3:05:08.56 | | | 0.69 |

| | | | | | | | |
|------|-------|-----|----|------------|--|--|-------|
| | | | Sg | 05:13.68 | | | 0.14 |
| MPLH | 54.9 | 120 | Pg | 3:05:10.85 | | | 0.32 |
| | | | Sg | 05:17.73 | | | -0.54 |
| RONA | 55.9 | 304 | Pg | 3:05:11.43 | | | 0.73 |
| | | | Sg | 05:17.99 | | | -0.59 |
| PKST | 86.8 | 102 | Pg | 3:05:16.38 | | | 0.20 |
| | | | Sg | 05:27.27 | | | -1.06 |
| TIH | 94.1 | 128 | Pg | 3:05:17.91 | | | 0.44 |
| | | | Sg | 05:29.42 | | | -1.21 |
| CONA | 97.2 | 306 | Pg | 3:05:18.02 | | | 0.00 |
| | | | Sg | 05:29.69 | | | -1.92 |
| WINA | 99.2 | 321 | Pg | 3:05:18.88 | | | 0.49 |
| | | | Sg | 05:31.27 | | | -0.99 |
| CSKK | 102.2 | 93 | Pg | 3:05:18.78 | | | -0.14 |
| | | | Sg | 05:32.01 | | | -1.20 |
| BEHE | 105.6 | 186 | Pg | 3:05:20.24 | | | 0.72 |
| | | | Sg | 05:32.73 | | | -1.54 |
| ARSA | 106.3 | 260 | Pg | 3:05:18.97 | | | -0.68 |
| | | | Sg | 05:32.01 | | | -2.50 |
| MODS | 110.1 | 14 | Pn | 3:05:19.73 | | | -0.55 |
| | | | Sn | 05:33.45 | | | -2.17 |
| SRO | 114.5 | 67 | Pn | 3:05:20.53 | | | -0.30 |
| | | | Sn | 05:35.13 | | | -1.48 |
| KOGS | 118.6 | 205 | Pn | 3:05:20.98 | | | -0.37 |
| | | | Sn | 05:35.91 | | | -1.62 |
| A338 | 127.2 | 58 | Pn | 3:05:22.62 | | | 0.20 |
| | | | Sn | 05:38.68 | | | -0.75 |
| SMOL | 128.2 | 18 | Pn | 3:05:22.70 | | | 0.16 |
| | | | Sn | 05:38.88 | | | -0.76 |
| PKS9 | 139.1 | 131 | Pn | 3:05:24.22 | | | 0.33 |
| | | | Sn | 05:42.30 | | | 0.24 |
| GROS | 150.8 | 225 | Pn | 3:05:25.14 | | | -0.21 |
| | | | Sn | 05:44.65 | | | -0.01 |
| PKB1 | 159.3 | 116 | Pn | 3:05:26.65 | | | 0.24 |
| PERS | 161.5 | 238 | Pn | 3:05:26.97 | | | 0.28 |
| | | | Sn | 05:47.20 | | | 0.17 |
| PKB4 | 164.6 | 128 | Sn | 3:05:48.14 | | | 0.42 |
| PKB5 | 166.2 | 123 | Pn | 3:05:28.35 | | | 1.07 |
| KOVH | 173.3 | 148 | Pn | 3:05:28.28 | | | 0.11 |
| | | | Sn | 05:50.14 | | | 0.48 |
| ABNA | 177.7 | 322 | Pn | 3:05:29.74 | | | 1.02 |
| | | | Sn | 05:51.50 | | | 0.86 |
| PENC | 183.2 | 77 | Pn | 3:05:32.11 | | | 2.71 |
| PTJ | 183.5 | 203 | Sn | 3:05:50.70 | | | -1.22 |
| KRUC | 187.0 | 348 | Pn | 3:05:30.08 | | | 0.21 |
| VYHS | 187.4 | 50 | Pn | 3:05:29.59 | | | -0.33 |
| | | | Sn | 05:56.29 | | | 3.51 |
| MORH | 187.9 | 135 | Pn | 3:05:29.21 | | | -0.78 |
| | | | Sn | 05:56.89 | | | 3.98 |
| PKSM | 188.1 | 135 | Pn | 3:05:29.49 | | | -0.52 |
| | | | Sn | 05:57.30 | | | 4.36* |
| PKSV | 198.4 | 149 | Pn | 3:05:31.70 | | | 0.40 |
| MOA | 204.4 | 284 | Pn | 3:05:33.01 | | | 0.97 |
| | | | Sn | 05:57.19 | | | 0.63 |
| OBKA | 205.9 | 241 | Pn | 3:05:32.95 | | | 0.72 |
| | | | Sn | 05:57.74 | | | 0.84 |
| CRES | 208.8 | 212 | Pn | 3:05:32.29 | | | -0.29 |
| | | | Sn | 06:02.89 | | | 5.36* |
| PSZ | 231.1 | 76 | Pn | 3:05:40.53 | | | 5.16* |
| BIOA | 248.1 | 277 | Pn | 3:05:38.57 | | | 1.08 |
| | | | Sn | 06:07.41 | | | 1.15 |
| MORC | 266.7 | 10 | Pn | 3:05:40.12 | | | 0.31 |
| | | | Sn | 06:09.56 | | | -0.84 |
| KBA | 272.4 | 262 | Pn | 3:05:41.18 | | | 0.66 |
| | | | Sn | 06:11.95 | | | 0.29 |
| LESA | 319.3 | 270 | Pn | 3:05:48.24 | | | 1.87* |
| | | | Sn | 06:24.12 | | | 2.05* |

Földrengés paraméterek

Hypocenter Parameters

1409.

2021-09-18 time: 3:07:03.84 UTC ML= 2.8
 lat: 47.424N lon: 16.896E h= 7.7 km
 erh= 1.2km erz= 1.2km
 nr= 67 gap= 42 rms=0.87
 Locality: Nemesládony
 Comments: felt 4 MIS/IIS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| EGYH | 32.9 | 91 | PgD | 3:07:10.94 | 1.06 |
| | | | Sg | 07:15.76 | 1.18 |
| SOP | 38.4 | 319 | PgD | 3:07:11.87 | 1.03 |
| | | | Sg | 07:16.76 | 0.47 |
| RONA | 54.5 | 304 | PgD | 3:07:14.60 | 0.92 |
| | | | Sg | 07:21.59 | 0.24 |
| MPLH | 56.3 | 120 | Pg | 3:07:13.88 | -0.11 |
| PKST | 88.0 | 102 | Pg | 3:07:19.61 | 0.00 |
| | | | Sg | 07:30.38 | -1.53 |
| TIH | 95.5 | 128 | Pg | 3:07:21.38 | 0.43 |
| | | | Sg | 07:32.58 | -1.70 |
| CONA | 95.8 | 306 | PgD | 3:07:21.39 | 0.39 |
| | | | Sg | 07:33.23 | -1.16 |
| CSKK | 103.2 | 94 | Pg | 3:07:22.09 | -0.24 |
| | | | Sg | 07:34.62 | -2.13 |
| ARSA | 105.5 | 259 | Pg | 3:07:22.66 | -0.08 |
| | | | Sg | 07:35.37 | -2.11 |
| BEHE | 106.5 | 185 | Pg | 3:07:23.59 | 0.68 |
| | | | Sg | 07:36.59 | -1.18 |
| MODS | 109.3 | 15 | PgU | 3:07:23.08 | -0.34 |
| | | | Sg | 07:37.03 | -1.65 |
| SRO | 115.0 | 68 | PnD | 3:07:23.91 | -0.32 |
| | | | Sn | 07:39.11 | -1.02 |
| KOGS | 119.1 | 204 | PnD | 3:07:24.10 | -0.65 |
| SMOL | 127.5 | 18 | Pn | 3:07:25.28 | -0.51 |
| | | | Sn | 07:41.59 | -1.32 |
| A338 | 127.5 | 59 | Pn | 3:07:25.72 | -0.07 |
| | | | Sn | 07:42.53 | -0.38 |
| PKS9 | 140.4 | 132 | Pn | 3:07:27.44 | 0.03 |
| | | | Sn | 07:45.76 | -0.02 |
| GROS | 150.8 | 225 | PnD | 3:07:28.49 | -0.21 |
| | | | Sn | 07:48.48 | 0.40 |
| PBUD | 159.7 | 88 | Sn | 3:07:51.40 | 1.35 |
| PKB1 | 160.6 | 116 | Pn | 3:07:29.81 | -0.10 |
| | | | Sn | 07:50.19 | -0.06 |
| BUD | 160.6 | 88 | Pn | 3:07:29.88 | -0.04 |
| | | | Sn | 07:50.13 | -0.13 |
| PERS | 161.2 | 237 | PnD | 3:07:30.26 | 0.27 |
| SOKA | 164.1 | 240 | Pn | 3:07:30.58 | 0.22 |
| PKB4 | 166.0 | 128 | Pn | 3:07:31.10 | 0.51 |
| PKB5 | 167.5 | 123 | Pn | 3:07:31.91 | 1.13 |
| | | | Sn | 07:52.22 | 0.42 |
| KOVH | 174.7 | 148 | Pn | 3:07:31.53 | -0.15 |
| PKS7 | 176.5 | 104 | Sn | 3:07:56.52 | 2.72 |
| PENC | 183.9 | 77 | Pn | 3:07:36.08 | 3.25 |
| PTJ | 184.0 | 203 | Pn | 3:07:33.10 | 0.26 |
| | | | Sn | 07:54.08 | -1.38 |
| KRUC | 185.8 | 348 | Pn | 3:07:33.25 | 0.18 |
| | | | Sn | 07:55.89 | 0.03 |
| VYHS | 187.5 | 51 | PnD | 3:07:32.54 | -0.73 |
| | | | Sn | 07:59.43 | 3.21 |
| MORH | 189.3 | 135 | Pn | 3:07:32.79 | -0.71 |
| | | | Sn | 07:59.24 | 2.61 |
| PKSM | 189.5 | 135 | Pn | 3:07:32.75 | -0.77 |
| PKB2 | 196.8 | 115 | Sn | 3:08:02.73 | 4.44* |
| PKSV | 199.8 | 149 | Pn | 3:07:34.66 | -0.15 |
| PKB3 | 207.4 | 122 | Sn | 3:08:04.50 | 3.85 |
| CRES | 209.1 | 212 | PnD | 3:07:35.66 | -0.31 |
| | | | Sn | 08:06.08 | 5.06* |
| PKS6 | 222.7 | 114 | Sn | 3:08:09.24 | 5.21* |
| MORC | 265.9 | 10 | Pn | 3:07:43.41 | 0.36 |
| | | | Sn | 08:13.11 | -0.52 |
| LANS | 270.7 | 45 | Pn | 3:07:43.86 | 0.22 |
| | | | Sn | 08:14.37 | -0.32 |
| KBA | 271.6 | 262 | Pn | 3:07:44.67 | 0.91 |

| | | |
|------|-----------|----------------------|
| Sn | 08:15.00 | 0.11 |
| KECS | 292.8 66 | Pn 3:07:46.26 -0.15 |
| KRLC | 294.9 358 | Pn 3:07:47.66 0.99 |
| BLY | 298.2 176 | Pn 3:07:47.50 0.42 |
| NIE | 336.4 49 | Pn 3:07:52.60 0.76* |
| SIRR | 385.4 109 | Pn 3:07:56.78 -1.17* |
| DRGR | 447.0 99 | Pn 3:08:05.38 -0.25* |

1410.

2021-09-18 time: 4:47:05.02 UTC ML= 2.7
 lat: 47.430N lon: 16.905E h= 9.3 km
 erh= 1.0km erz= 1.0km
 nr= 87 gap= 36 rms=0.70
 Locality: Csér
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| EGYH | 32.3 | 93 | PgD | 4:47:11.85 | 0.84 |
| | | | Sg | 47:16.64 | 0.95 |
| SOP | 38.4 | 317 | PgD | 4:47:12.80 | 0.73 |
| | | | Sg | 47:17.77 | 0.20 |
| RONA | 54.7 | 303 | PgD | 4:47:15.42 | 0.49 |
| | | | Sg | 47:22.53 | -0.14 |
| MPLH | 56.0 | 121 | PgU | 4:47:14.97 | -0.19 |
| | | | Sg | 47:22.20 | -0.87 |
| PKST | 87.4 | 103 | PgU | 4:47:20.33 | -0.39 |
| | | | Sg | 47:31.45 | -1.52 |
| TIH | 95.3 | 128 | Pg | 4:47:22.08 | -0.04 |
| CONA | 95.9 | 305 | PgD | 4:47:22.22 | -0.01 |
| WINA | 97.8 | 320 | Pg | 4:47:23.20 | 0.64 |
| | | | Sg | 47:35.45 | -0.79 |
| CSKK | 102.6 | 94 | Pg | 4:47:23.02 | -0.40 |
| | | | Sg | 47:36.57 | -1.20 |
| ARSA | 106.3 | 259 | P*D | 4:47:23.45 | -0.62 |
| | | | S* | 47:36.17 | -2.76 |
| BEHE | 107.2 | 185 | P* | 4:47:24.27 | 0.07 |
| | | | S* | 47:37.57 | -1.59 |
| MODS | 108.6 | 15 | Pn | 4:47:23.95 | -0.45 |
| | | | Sn | 47:37.15 | -2.37 |
| SRO | 114.1 | 68 | Pn | 4:47:24.81 | -0.29 |
| | | | Sn | 47:39.82 | -0.94 |
| KOGS | 120.0 | 205 | Pn | 4:47:25.20 | -0.63 |
| | | | Sn | 47:41.56 | -0.50 |
| A338 | 126.6 | 59 | Pn | 4:47:26.60 | -0.05 |
| | | | Sn | 47:42.93 | -0.60 |
| SMOL | 126.7 | 18 | Pn | 4:47:26.38 | -0.29 |
| PKS9 | 140.4 | 132 | Pn | 4:47:28.29 | -0.08 |
| | | | Sn | 47:46.73 | 0.15 |
| GROS | 151.7 | 225 | PnD | 4:47:29.37 | -0.41 |
| | | | Sn | 47:49.12 | 0.02 |
| BUD | 159.9 | 88 | Sn | 4:47:52.67 | 1.75 |
| PKB1 | 160.2 | 117 | Pn | 4:47:30.34 | -0.51 |
| | | | Sn | 47:52.61 | 1.62 |
| PERS | 162.1 | 237 | Pn | 4:47:31.05 | -0.03 |
| | | | Sn | 47:52.93 | 1.53 |
| SOKA | 165.0 | 240 | Pn | 4:47:31.45 | 0.01 |
| PKB4 | 165.8 | 129 | Pn | 4:47:31.80 | 0.26 |
| | | | Sn | 47:53.97 | 1.74 |
| PKB5 | 167.3 | 124 | Pn | 4:47:32.61 | 0.88 |
| | | | Sn | 47:54.35 | 1.78 |
| KOVH | 174.9 | 149 | Pn | 4:47:32.93 | 0.26 |
| ABNA | 176.3 | 321 | Pn | 4:47:33.38 | 0.54 |
| | | | Sn | 47:54.67 | 0.12 |
| ZAVS | 181.0 | 232 | iPn | 4:47:33.45 | 0.01 |
| PENC | 183.2 | 77 | Pn | 4:47:33.94 | 0.23 |
| PTJ | 184.9 | 203 | Pn | 4:47:33.74 | -0.18 |
| KRUC | 185.4 | 348 | Pn | 4:47:34.11 | 0.13 |
| | | | Sn | 47:56.87 | 0.30 |
| GOLS | 185.7 | 212 | iPn | 4:47:33.69 | -0.33 |
| VYHS | 186.6 | 51 | Pn | 4:47:33.47 | -0.66 |
| MORH | 189.3 | 135 | Pn | 4:47:33.59 | -0.88 |
| | | | Sn | 47:57.46 | 0.02 |
| PKSM | 189.5 | 136 | Pn | 4:47:33.67 | -0.82 |
| PKB2 | 196.4 | 115 | Sn | 4:48:03.14 | 4.11 |

Hypocenter Parameters

Földrengés paraméterek

| Station | Lat | Lon | Depth | Phase | Time | Residual |
|---------|-------|-----|-------|------------|-------|----------|
| PKSV | 200.0 | 149 | Pn | 4:47:39.88 | 4.07 | |
| MOA | 203.7 | 283 | Pn | 4:47:37.06 | 0.79 | |
| | | | Sn | 48:00.32 | -0.32 | |
| OBKA | 206.5 | 240 | Pn | 4:47:37.13 | 0.52 | |
| | | | Sn | 48:01.23 | -0.02 | |
| PKB3 | 207.2 | 123 | Sn | 4:48:06.50 | 5.08* | |
| CRES | 210.0 | 212 | Pn | 4:47:41.56 | 4.51 | |
| | | | Sn | 48:06.89 | 4.86* | |
| PKS6 | 222.3 | 115 | Sn | 4:48:10.32 | 5.55* | |
| BIOA | 247.5 | 277 | Pn | 4:47:42.01 | 0.28 | |
| | | | Sn | 48:10.19 | -0.18 | |
| MYKA | 263.5 | 250 | Pn | 4:47:43.76 | 0.03 | |
| | | | Sn | 48:13.64 | -0.28 | |
| MORC | 265.2 | 10 | Pn | 4:47:44.30 | 0.37 | |
| | | | Sn | 48:12.97 | -1.31 | |
| LANS | 269.8 | 45 | Sn | 4:48:15.29 | -0.01 | |
| KBA | 272.3 | 262 | Pn | 4:47:45.76 | 0.94 | |
| | | | Sn | 48:16.20 | 0.33 | |
| KECS | 292.0 | 66 | Pn | 4:47:47.24 | -0.03 | |
| KRLC | 294.3 | 358 | Pn | 4:47:49.18 | 1.61 | |
| LESA | 319.0 | 270 | Pn | 4:47:51.17 | 0.53 | |
| | | | Sn | 48:25.81 | -0.42 | |
| FRGS | 339.4 | 139 | Pn | 4:47:53.23 | 0.04 | |
| ABTA | 342.1 | 257 | Pn | 4:47:53.69 | 0.17 | |
| WTTA | 398.5 | 267 | Pn | 4:48:00.60 | 0.04 | |
| WATA | 402.5 | 269 | Pn | 4:48:01.07 | 0.01 | |
| BZS | 413.9 | 119 | Pn | 4:48:02.18 | -0.30 | |
| SQTA | 431.2 | 267 | Pn | 4:48:04.50 | -0.14 | |
| MOTA | 438.1 | 269 | Pn | 4:48:05.23 | -0.27 | |
| RETA | 463.2 | 271 | Pn | 4:48:08.65 | 0.02 | |
| FETA | 469.9 | 264 | Pn | 4:48:09.40 | -0.06 | |
| DAVA | 530.9 | 268 | Pn | 4:48:16.47 | -0.60 | |

1411.

2021-09-18 time: 10:45:57.65 UTC ML= 1.4
 lat: 47.405N lon: 16.876E h= 14.8 km
 erh= 3.2km erz= 1.9km
 nr= 21 gap=143 rms=0.93
 Locality: Nemesládony
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| EGYH | 34.4 | 88 | Pg | 10:46:04.28 | -0.06 |
| | | | Sg | 46:08.71 | -0.86 |
| SOP | 39.1 | 322 | Pg | 10:46:05.44 | 0.32 |
| | | | Sg | 46:10.33 | -0.61 |
| RONA | 54.6 | 307 | Pg | 10:46:07.74 | 0.00 |
| | | | Sg | 46:14.50 | -1.12 |
| MPLH | 56.6 | 117 | Pg | 10:46:08.91 | 0.82 |
| | | | Sg | 46:14.76 | -1.48 |
| PKST | 89.1 | 100 | S* | 10:46:24.79 | -1.17 |
| CONA | 95.9 | 307 | P* | 10:46:15.15 | 0.56 |
| | | | S* | 46:26.57 | -1.23 |
| WINA | 98.6 | 322 | P* | 10:46:15.45 | 0.45 |
| | | | S* | 46:27.23 | -1.31 |
| ARSA | 103.7 | 260 | Pn | 10:46:16.57 | 0.86 |
| | | | Sn | 46:28.95 | -0.85 |
| CSKK | 104.7 | 93 | Sn | 10:46:29.82 | -0.20 |
| MODS | 111.8 | 16 | Pn | 10:46:17.88 | 1.15 |
| | | | Sn | 46:31.12 | -0.49 |
| ABNA | 177.1 | 323 | Pn | 10:46:26.92 | 2.05 |
| | | | Sn | 46:48.07 | 1.97 |
| VYHS | 190.0 | 50 | eSn | 10:46:46.90 | -2.06 |

1412.

2021-09-18 time: 18:11:08.23 UTC ML= 1.4
 lat: 47.449N lon: 18.288E h= 6.3 km
 erh= 1.8km erz= 1.9km
 nr= 16 gap=133 rms=0.56
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| CSKK | 9.8 | 192 | PgU | 18:11:10.07 | -0.24 |
| | | | Sg | 11:12.09 | 0.16 |
| PKST | 28.6 | 222 | PgU | 18:11:12.73 | -0.73 |
| | | | Sg | 11:17.29 | -0.24 |
| SRO | 40.5 | 3 | Pg | 18:11:15.41 | -0.14 |
| | | | Sg | 11:20.50 | -0.76 |
| EGYH | 72.2 | 267 | Pg | 18:11:22.14 | 0.96 |
| | | | Sg | 11:31.36 | 0.08 |
| PKB1 | 83.2 | 153 | Pg | 18:11:24.00 | 0.86 |
| | | | Sg | 11:34.49 | -0.27 |
| PKB5 | 100.9 | 160 | Pg | 18:11:26.64 | 0.36 |
| | | | Sg | 11:39.41 | -0.95 |
| VYHS | 123.2 | 19 | Pn | 18:11:30.05 | 0.23 |
| | | | Sn | 11:43.64 | -3.02* |
| MORH | 139.8 | 169 | Sn | 18:11:50.19 | -0.16 |
| PKSM | 140.2 | 169 | Sn | 18:11:50.19 | -0.25 |

1413.

2021-09-20 time: 8:56:47.91 UTC ML= 1.6
 lat: 48.605N lon: 20.720E h= 0.0 km
 erh= 1.4km erz= 2.6km
 nr= 15 gap= 87 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.0 | 232 | Pg | 8:56:52.37 | 0.53 |
| | | | Sg | 56:55.09 | 0.18 |
| ABAH | 51.6 | 132 | Pg | 8:56:57.61 | 0.48 |
| | | | Sg | 57:03.86 | -0.46 |
| NIE | 95.2 | 342 | Sg | 8:57:18.26 | 0.08 |
| PSZ | 97.9 | 219 | Pg | 8:57:05.32 | -0.09 |
| | | | Sg | 57:17.46 | -1.59 |
| STHS | 98.0 | 23 | Sg | 8:57:18.77 | -0.30 |
| LANS | 110.0 | 303 | Pg | 8:57:07.89 | 0.33 |
| | | | Sg | 57:22.14 | -0.75 |
| KOLS | 119.9 | 72 | Pg | 8:57:08.94 | -0.38 |
| | | | Sg | 57:25.47 | -0.54 |
| VYHS | 139.6 | 265 | Pn | 8:57:12.72 | 0.36 |
| | | | Sn | 57:30.20 | -1.22 |
| TRPA | 144.8 | 111 | Pn | 8:57:13.53 | 0.53 |

1414.

2021-09-20 time: 8:57:52.62 UTC ML= 1.3
 lat: 47.087N lon: 17.997E h= 0.0 km
 erh= 4.4km erz= ***km
 nr= 7 gap=120 rms=0.91
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.3 | 8 | Pg | 8:57:56.26 | 0.19 |
| | | | Sg | 57:58.98 | 0.22 |
| MPLH | 35.9 | 285 | Pg | 8:57:57.71 | -1.33 |
| | | | Sg | 58:06.17 | 2.12 |
| CSKK | 36.6 | 33 | Sg | 8:58:04.22 | -0.04 |
| MORH | 108.8 | 153 | Sg | 8:58:26.99 | -0.20 |
| KOVH | 111.3 | 176 | Sg | 8:58:28.60 | 0.60 |

1415.

2021-09-20 time: 9:59:38.53 UTC ML= 1.9
 lat: 48.420N lon: 17.243E h= 0.0 km
 erh= 2.1km erz= 796km
 nr= 12 gap= 94 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| MODS | 5.7 | 153 | Pg | 9:59:39.99 | 0.44 |
| | | | Sg | 59:41.71 | 1.36 |
| SMOL | 17.3 | 53 | Pg | 9:59:41.61 | 0.00 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-------------|------------|-------|
| | | Sg | 59:45.13 | 1.11 | |
| KRUC | 94.8 | 319 | Pg | 9:59:56.32 | 0.87 |
| | | Sg | 10:00:08.31 | -0.35 | |
| RONA | 106.7 | 221 | Pg | 9:59:57.12 | -0.46 |
| | | Sg | 10:00:11.93 | -0.51 | |
| CONA | 116.3 | 242 | Pg | 9:59:59.14 | -0.16 |
| | | Sg | 10:00:14.87 | -0.64 | |
| VYHS | 118.2 | 86 | Pg | 9:59:59.04 | -0.59 |
| | | Sg | 10:00:14.87 | -1.21 | |

1416.

2021-09-20 time: 10:28:33.84 UTC ML= 0.9
 lat: 47.201N lon: 18.294E h= 0.0 km
 erh= 1.1km erz= 2.1km
 nr= 7 gap=150 rms=0.38
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 18.2 | 352 | Pg | 10:28:37.47 | 0.38 |
| | | | Sg | 28:39.71 | 0.08 |
| PKST | 20.7 | 288 | Sg | 10:28:40.17 | -0.24 |
| MORH | 112.8 | 166 | Sg | 10:29:09.99 | 0.31 |
| PKSM | 113.1 | 166 | Sg | 10:29:09.58 | -0.22 |
| KOVH | 124.6 | 187 | Sg | 10:29:13.22 | -0.22 |
| VYHS | 149.4 | 16 | Sn | 10:29:18.42 | -1.10 |

1417.

2021-09-21 time: 8:04:07.49 UTC ML= 1.5
 lat: 47.109N lon: 17.899E h= 0.0 km
 erh= 2.7km erz= 6.2km
 nr= 11 gap=107 rms=0.85
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 19.6 | 32 | Pg | 8:04:10.54 | -0.45 |
| | | | Sg | 04:13.75 | 0.03 |
| TIH | 23.2 | 181 | Pg | 8:04:11.94 | 0.30 |
| | | | Sg | 04:17.47 | 2.60 |
| MPLH | 28.1 | 284 | Pg | 8:04:12.12 | -0.40 |
| | | | Sg | 04:17.04 | 0.61 |
| CSKK | 39.4 | 44 | Pg | 8:04:15.56 | 1.04 |
| | | | Sg | 04:20.18 | 0.18 |
| MORH | 114.5 | 150 | Sg | 8:04:42.55 | -1.33 |
| PKSM | 114.7 | 150 | Sg | 8:04:42.55 | -1.42 |
| KOGS | 145.8 | 240 | Sn | 8:04:51.68 | -0.69 |

1418.

2021-09-21 time: 8:29:02.80 UTC ML= 0.9
 lat: 47.355N lon: 18.486E h= 0.0 km
 erh= 2.7km erz= 736km
 nr= 7 gap=163 rms=0.48
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.0 | 273 | Pg | 8:29:06.20 | 0.36 |
| | | | Sg | 29:07.56 | -0.65 |
| PKST | 35.7 | 253 | Pg | 8:29:09.76 | 0.58 |
| | | | Sg | 29:13.48 | -0.68 |
| MORH | 127.2 | 175 | Sg | 8:29:43.25 | 0.02 |
| PKSM | 127.6 | 175 | Sg | 8:29:43.00 | -0.37 |
| VYHS | 129.3 | 12 | Sg | 8:29:43.56 | -0.34 |

1419.

2021-09-21 time: 9:44:50.99 UTC ML= 1.6
 lat: 46.979N lon: 22.670E h= 0.0 km
 erh= 6.3km erz= 5.0km
 nr= 6 gap=307 rms=0.44
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 21.1 | 171 | Pg | 9:44:54.97 | 0.21 |
| | | | Sg | 44:57.48 | -0.21 |
| SIRR | 110.7 | 224 | Pg | 9:45:10.34 | -0.42 |
| | | | Sg | 45:26.81 | 0.64 |
| GZR | 176.5 | 177 | Pn | 9:45:20.38 | 0.35 |
| | | | Sn | 45:41.57 | -1.11 |

1420.

2021-09-22 time: 7:10:13.46 UTC ML= 1.1
 lat: 48.055N lon: 20.287E h= 0.0 km
 erh= 6.4km erz= ***km
 nr= 6 gap=173 rms=0.78
 Locality: Egercsehi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 33.0 | 243 | Pg | 7:10:19.48 | 0.13 |
| | | | Sg | 10:24.30 | 0.35 |
| KECS | 49.8 | 17 | Pg | 7:10:22.74 | 0.38 |
| | | | Sg | 10:30.02 | 0.72 |
| ABAH | 75.7 | 69 | Sg | 7:10:36.65 | -0.88 |
| VYHS | 118.3 | 294 | Sg | 7:10:48.69 | -2.36 |

1421.

2021-09-22 time: 7:15:59.23 UTC ML= 1.2
 lat: 47.079N lon: 18.034E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 9 gap=125 rms=0.80
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 20.0 | 0 | Pg | 7:16:03.31 | 0.51 |
| | | | Sg | 16:05.92 | 0.34 |
| TIH | 22.6 | 208 | Pg | 7:16:04.70 | 1.43 |
| CSKK | 35.9 | 29 | Pg | 7:16:05.92 | 0.27 |
| | | | Sg | 16:09.84 | -0.81 |
| MPLH | 38.8 | 285 | Pg | 7:16:05.42 | -0.74 |
| | | | Sg | 16:11.04 | -0.53 |
| MORH | 106.8 | 154 | Sg | 7:16:32.53 | -0.64 |
| PKSM | 107.1 | 154 | Sg | 7:16:32.13 | -1.14 |

1422.

2021-09-22 time: 9:05:00.43 UTC ML= 1.9
 lat: 46.854N lon: 22.832E h= 0.0 km
 erh= 6.4km erz= 5.3km
 nr= 6 gap=303 rms=0.51
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 11.6 | 233 | Pg | 9:05:02.40 | -0.09 |
| | | | Sg | 05:04.61 | 0.51 |
| DEV | 108.1 | 177 | Sg | 9:05:34.94 | 0.15 |
| SIRR | 111.1 | 234 | Sg | 9:05:34.54 | -1.19 |
| GZR | 162.5 | 182 | Pn | 9:05:28.21 | 0.49 |
| | | | Sn | 05:48.59 | -0.42 |

Hypocenter Parameters

Földrengés paraméterek

1423.

2021-09-22 time: 9:39:24.57 UTC ML= 1.6
 lat: 48.910N lon: 21.050E h= 0.0 km
 erh= 1.9km erz= 3.6km
 nr= 9 gap= 95 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| STHS | 58.1 | 14 | Sg | 9:39:42.46 | -0.58 |
| KECS | 63.0 | 221 | Pg | 9:39:36.04 | 0.22 |
| | | | Sg | 39:43.82 | -0.78 |
| ABAH | 69.7 | 168 | Pg | 9:39:37.75 | 0.74 |
| | | | Sg | 39:46.29 | -0.42 |
| NIE | 78.1 | 317 | Pg | 9:39:38.96 | 0.46 |
| | | | Sg | 39:49.44 | 0.06 |
| KOLS | 89.7 | 88 | Sg | 9:39:52.56 | -0.52 |
| PSZ | 139.5 | 218 | Sn | 9:40:07.47 | -0.58 |

1424.

2021-09-22 time: 9:57:50.58 UTC ML= 1.7
 lat: 47.911N lon: 20.180E h= 0.0 km
 erh= 7.8km erz= ***km
 nr= 6 gap=239 rms=0.69
 Locality: Sirok
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 21.3 | 272 | Pg | 9:57:55.21 | 0.82 |
| | | | Sg | 57:58.17 | 0.80 |
| KECS | 67.6 | 20 | Sg | 9:58:11.93 | -0.14 |
| PENC | 68.5 | 259 | Pg | 9:58:02.44 | -0.38 |
| | | | Sg | 58:11.88 | -0.49 |
| VYHS | 119.1 | 303 | Sg | 9:58:27.19 | -1.25 |

1425.

2021-09-23 time: 7:18:30.23 UTC ML= 1.6
 lat: 48.432N lon: 19.525E h= 5.9 km
 erh= 2.7km erz= 2.9km
 nr= 9 gap=123 rms=0.51
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 51.4 | 278 | Pg | 7:18:39.96 | 0.49 |
| | | | Sg | 18:45.69 | -1.00 |
| PSZ | 63.4 | 154 | Pg | 7:18:41.67 | 0.07 |
| | | | Sg | 18:49.97 | -0.50 |
| KECS | 71.2 | 85 | Pg | 7:18:43.19 | 0.20 |
| | | | Sg | 18:52.33 | -0.62 |
| NIE | 124.0 | 28 | Sn | 7:19:08.55 | -0.35 |
| ABAH | 127.9 | 97 | Pn | 7:18:53.18 | 0.73 |
| | | | Sn | 19:09.25 | -0.53 |

1426.

2021-09-23 time: 7:37:28.14 UTC ML= 1.1
 lat: 47.354N lon: 18.468E h= 0.0 km
 erh= 1.4km erz= 454km
 nr= 8 gap=114 rms=0.32
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.7 | 274 | Pg | 7:37:31.22 | 0.27 |
| | | | Sg | 37:33.02 | -0.11 |
| PKST | 34.4 | 252 | Pg | 7:37:34.24 | -0.05 |
| | | | Sg | 37:39.03 | -0.05 |
| PSZ | 124.3 | 60 | Sg | 7:38:08.74 | 1.10 |
| MORH | 127.2 | 174 | Sg | 7:38:08.53 | -0.05 |
| PKSM | 127.6 | 174 | Sg | 7:38:08.43 | -0.28 |

VYHS 129.8 12 Sg 7:38:08.84 -0.55

1427.

2021-09-23 time: 9:46:15.16 UTC ML= 2.0
 lat: 48.229N lon: 21.275E h= 0.0 km
 erh= 1.9km erz= 2.4km
 nr= 13 gap=106 rms=0.59
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 7.9 | 340 | Pg | 9:46:17.02 | 0.46 |
| | | | Sg | 46:17.95 | 0.29 |
| KECS | 65.0 | 296 | Pg | 9:46:27.19 | 0.43 |
| | | | Sg | 46:35.30 | -0.51 |
| TRPA | 94.7 | 97 | Pg | 9:46:32.46 | 0.40 |
| | | | Sg | 46:43.76 | -1.49 |
| KOLS | 107.5 | 43 | Pg | 9:46:34.62 | 0.27 |
| | | | Sg | 46:48.88 | -0.44 |
| PSZ | 108.5 | 251 | Pg | 9:46:34.82 | 0.28 |
| | | | Sg | 46:48.63 | -1.03 |
| NIE | 150.0 | 332 | Sn | 9:46:59.38 | -1.58 |
| VYHS | 183.1 | 279 | Sn | 9:47:08.21 | -0.11 |
| DRGR | 193.0 | 146 | Sn | 9:47:10.57 | 0.05 |

1428.

2021-09-23 time: 10:00:29.26 UTC ML= 1.9
 lat: 48.156N lon: 16.867E h= 0.0 km
 erh= 3.0km erz= 421km
 nr= 7 gap=160 rms=0.28
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ZST | 18.1 | 76 | Pg | 10:00:32.60 | 0.10 |
| | | | Sg | 00:34.81 | -0.21 |
| MODS | 39.0 | 52 | Pg | 10:00:36.25 | 0.03 |
| | | | Sg | 00:41.34 | -0.30 |
| RONA | 66.2 | 220 | Pg | 10:00:41.42 | 0.33 |
| | | | Sg | 00:49.50 | -0.82 |
| CONA | 79.1 | 251 | Sg | 10:00:54.45 | 0.05 |

1429.

2021-09-23 time: 10:14:13.46 UTC ML= 1.5
 lat: 47.869N lon: 19.172E h= 0.0 km
 erh= 2.4km erz= 432km
 nr= 6 gap=203 rms=0.25
 Locality: Ósagárd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 11.9 | 137 | Pg | 10:14:15.55 | -0.04 |
| | | | Sg | 14:16.91 | -0.35 |
| PSZ | 54.3 | 84 | Pg | 10:14:23.38 | 0.23 |
| | | | Sg | 14:30.62 | -0.10 |
| VYHS | 73.9 | 340 | Pg | 10:14:26.90 | 0.25 |
| | | | Sg | 14:36.44 | -0.50 |

1430.

2021-09-23 time: 10:54:24.82 UTC ML= 2.1
 lat: 48.278N lon: 19.867E h= 0.0 km
 erh= 2.5km erz= 4.9km
 nr= 13 gap= 88 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 40.0 | 177 | Pg | 10:54:31.23 | -0.74 |
| | | | Sg | 54:36.59 | -0.96 |
| KECS | 51.2 | 64 | Sg | 10:54:41.71 | 0.61 |

Földrengés paraméterek

Hypocenter Parameters

PENC 69.6 219 Pg 10:54:38.96 1.72
 Sg 54:47.09 0.16
 VYHS 80.0 287 Pg 10:54:39.30 0.19
 Sg 54:48.74 -1.51
 LANS 101.4 343 Pg 10:54:43.47 0.55
 Sg 54:56.52 -0.52
 ABAH 101.9 89 Pg 10:54:43.52 0.50
 Sg 54:55.67 -1.54
 NIE 131.0 14 Sn 10:55:05.51 -0.91
 MODS 192.3 273 Sn 10:55:20.42 0.40

1431.

2021-09-23 time: 12:20:37.08 UTC ML= 1.6
 lat: 47.336N lon: 16.327E h= 0.0 km
 erh= 3.4km erz= 4.9km
 nr= 10 gap=119 rms=0.97
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 40.5 | 357 | Pg | 12:20:44.83 | 0.53 |
| | | | Sg | 20:48.99 | -0.95 |
| SOP | 42.3 | 24 | Sg | 12:20:50.02 | -0.51 |
| ARSA | 61.6 | 261 | Sg | 12:20:57.01 | 0.37 |
| CONA | 74.5 | 332 | Pg | 12:20:51.40 | 1.01 |
| | | | Sg | 21:00.59 | -0.18 |
| GROS | 115.9 | 213 | Sg | 12:21:11.54 | -2.36 |
| PKST | 129.4 | 94 | Sg | 12:21:19.48 | 1.27 |
| MODS | 135.5 | 32 | Sn | 12:21:18.58 | -1.09 |
| KRUC | 191.9 | 2 | Sn | 12:21:31.34 | -0.85 |

1432.

2021-09-24 time: 8:32:36.04 UTC ML= 2.2
 lat: 47.903N lon: 20.160E h= 0.0 km
 erh= 2.9km erz= 3.1km
 nr= 11 gap=198 rms=0.49
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 19.9 | 275 | Pg | 8:32:39.84 | 0.23 |
| | | | Sg | 32:42.36 | -0.02 |
| PENC | 66.9 | 259 | Pg | 8:32:48.01 | 0.01 |
| | | | Sg | 32:56.24 | -1.08 |
| KECS | 68.9 | 21 | Sg | 8:32:57.70 | -0.25 |
| ABAH | 91.5 | 61 | Pg | 8:32:52.31 | -0.07 |
| | | | Sg | 33:04.90 | -0.23 |
| VYHS | 118.4 | 304 | Pg | 8:32:57.38 | 0.20 |
| | | | Sg | 33:11.58 | -2.09 |
| LANS | 147.9 | 340 | Pn | 8:33:02.44 | 0.93 |
| | | | Sn | 33:21.18 | -0.20 |

1433.

2021-09-24 time: 9:11:29.17 UTC ML= 2.1
 lat: 48.531N lon: 19.363E h= 0.0 km
 erh= 2.1km erz= 4.6km
 nr= 11 gap=102 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 39.1 | 264 | Pg | 9:11:36.77 | 0.61 |
| | | | Sg | 11:39.59 | -2.02 |
| LANS | 69.3 | 6 | Pg | 9:11:42.01 | 0.46 |
| | | | Sg | 11:50.88 | -0.32 |
| PSZ | 78.8 | 150 | Sg | 9:11:54.14 | -0.07 |
| PENC | 82.6 | 184 | Sg | 9:11:54.48 | -0.95 |
| KECS | 83.1 | 94 | Pg | 9:11:43.82 | -0.20 |
| | | | Sg | 11:55.61 | 0.01 |
| NIE | 120.8 | 35 | Sg | 9:12:06.47 | -1.09 |
| ABAH | 141.4 | 101 | Pn | 9:11:53.92 | 0.09 |
| MODS | 155.3 | 264 | Pn | 9:11:56.59 | 1.02 |

1434.

2021-09-24 time: 10:43:08.53 UTC ML= 1.4
 lat: 47.702N lon: 18.718E h= 0.0 km
 erh= 2.6km erz= 595km
 nr= 6 gap=185 rms=0.34
 Locality: Csolnok
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| BUD | 33.5 | 137 | Sg | 10:43:18.78 | -0.38 |
| PENC | 43.4 | 77 | Pg | 10:43:16.55 | 0.27 |
| | | | Sg | 43:22.41 | 0.08 |
| A338 | 44.3 | 322 | Sg | 10:43:22.80 | 0.20 |
| VYHS | 88.5 | 6 | Sg | 10:43:35.90 | -0.76 |
| PSZ | 91.3 | 75 | Sg | 10:43:37.71 | 0.14 |

1435.

2021-09-26 time: 2:51:00.39 UTC ML= 1.2
 lat: 47.282N lon: 20.148E h= 10.9 km
 erh= 1.9km erz= 1.7km
 nr= 7 gap=173 rms=0.30
 Locality: Zagyvarékas
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BSZH | 9.2 | 78 | PgD | 2:51:02.64 | -0.30 |
| | | | Sg | 51:05.38 | 0.45 |
| PSZ | 73.3 | 345 | Pg | 2:51:13.38 | -0.24 |
| | | | Sg | 51:24.26 | 0.32 |
| PKS7 | 79.3 | 251 | Sg | 2:51:26.12 | 0.29 |
| PENC | 86.3 | 311 | Sg | 2:51:27.83 | -0.22 |
| ABAH | 139.3 | 36 | Sn | 2:51:41.66 | 0.33 |

1436.

2021-09-26 time: 21:19:06.43 UTC ML= 2.2
 lat: 45.609N lon: 16.070E h= 6.6 km
 erh= 1.7km erz= 1.6km
 nr= 34 gap=122 rms=0.68
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 25.2 | 346 | Pg | 21:19:11.45 | 0.37 |
| | | | Sg | 19:15.28 | 0.57 |
| PTJ | 33.5 | 345 | Pg | 21:19:12.48 | -0.05 |
| | | | Sg | 19:16.79 | -0.50 |
| GCIS | 44.9 | 310 | iPgC | 21:19:14.84 | 0.31 |
| | | | iSg | 19:20.77 | -0.08 |
| CRES | 53.5 | 297 | Pg | 21:19:16.21 | 0.15 |
| | | | Sg | 19:23.44 | -0.13 |
| GOLS | 56.5 | 322 | iPg | 21:19:16.69 | 0.09 |
| CESS | 62.2 | 311 | eSg | 21:19:25.79 | -0.53 |
| BOJS | 65.0 | 260 | iPg | 21:19:18.15 | 0.06 |
| | | | eSg | 19:25.94 | -1.25 |
| KOGS | 94.3 | 8 | Pg | 21:19:23.03 | -0.29 |
| | | | Sg | 19:36.41 | -0.08 |
| GROS | 104.4 | 335 | Pg | 21:19:24.96 | -0.16 |
| | | | Sg | 19:38.17 | -1.53 |
| BEHE | 110.2 | 30 | Pg | 21:19:26.94 | 0.79 |
| | | | Sg | 19:41.02 | -0.50 |
| BLY | 129.6 | 138 | Pn | 21:19:29.39 | 0.61 |
| | | | Sn | 19:44.91 | -1.30 |
| PERS | 135.9 | 327 | Pn | 21:19:30.27 | 0.71 |
| | | | Sn | 19:46.07 | -1.53 |
| SOKA | 143.4 | 326 | Pn | 21:19:31.08 | 0.59 |
| | | | Sn | 19:49.11 | -0.15 |
| OBKA | 154.5 | 310 | Pn | 21:19:32.72 | 0.84 |
| | | | Sn | 19:50.09 | -1.65 |
| KOVH | 166.4 | 71 | Pn | 21:19:32.13 | -1.24 |
| | | | Sn | 19:54.76 | 0.39 |
| PKSV | 172.6 | 80 | Pn | 21:19:33.07 | -1.07 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----------|-------------|------|
| | | Sn | 19:56.10 | 0.35 | |
| TRI | 180.1 | 274 | Sn | 21:19:59.94 | 2.53 |
| ARSA | 187.3 | 347 | Sn | 21:20:00.43 | 1.43 |
| MORH | 210.8 | 71 | Sn | 21:20:06.71 | 2.49 |
| RONA | 233.1 | 4 | Pn | 21:19:42.85 | 1.17 |

1437.

2021-09-27 time: 5:50:24.81 UTC ML= 1.3
 lat: 47.277N lon: 18.361E h= 0.0 km
 erh= 1.7km erz= 2.3km
 nr= 9 gap=111 rms=0.45
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 12.2 | 322 | Pg | 5:50:27.12 | 0.13 |
| | | | Sg | 50:27.60 | -1.09 |
| PKST | 24.8 | 265 | Pg | 5:50:29.36 | 0.12 |
| | | | Sg | 50:32.61 | -0.08 |
| MPLH | 63.4 | 259 | Sg | 5:50:45.31 | 0.37 |
| MORH | 119.9 | 170 | Sg | 5:51:02.28 | -0.65 |
| PKSM | 120.3 | 170 | Sg | 5:51:02.69 | -0.37 |
| KOVH | 133.6 | 189 | Sn | 5:51:07.32 | 0.33 |
| PSZ | 135.6 | 58 | Sn | 5:51:08.18 | 0.76 |

1438.

2021-09-27 time: 9:11:20.59 UTC ML= 1.5
 lat: 48.073N lon: 20.701E h= 0.0 km
 erh= 2.4km erz= 495km
 nr= 6 gap=196 rms=0.30
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 47.1 | 58 | Pg | 9:11:29.31 | 0.31 |
| | | | Sg | 11:35.06 | -0.51 |
| KECS | 48.4 | 341 | Pg | 9:11:29.46 | 0.23 |
| | | | Sg | 11:35.41 | -0.56 |
| PSZ | 62.6 | 254 | Pg | 9:11:31.73 | -0.04 |
| | | | Sg | 11:40.45 | -0.04 |

1439.

2021-09-27 time: 9:15:47.56 UTC ML= 1.7
 lat: 46.275N lon: 22.019E h= 0.0 km
 erh= 1.7km erz= 3.6km
 nr= 9 gap=135 rms=0.47
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 27.7 | 268 | PgU | 9:15:52.88 | 0.38 |
| | | | Sg | 15:55.73 | -0.63 |
| DRGR | 78.2 | 43 | Pg | 9:16:01.99 | 0.47 |
| | | | Sg | 16:11.81 | -0.61 |
| BZS | 79.6 | 203 | Pg | 9:16:01.68 | -0.09 |
| | | | Sg | 16:12.42 | -0.43 |
| GZR | 114.4 | 149 | Pg | 9:16:08.50 | 0.52 |
| | | | Sg | 16:23.67 | -0.24 |
| CJR | 130.7 | 68 | Sn | 9:16:28.25 | -0.83 |

1440.

2021-09-27 time: 10:39:03.87 UTC ML= 1.2
 lat: 47.337N lon: 18.483E h= 0.0 km
 erh= 3.2km erz= 3.5km
 nr= 7 gap=163 rms=0.44
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| CSKK | 17.1 | 280 | Pg | 10:39:07.65 | 0.73 |

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 39:09.31 | 0.00 | |
| PKST | 35.1 | 256 | Pg | 10:39:09.97 | -0.16 |
| | | Sg | 39:14.25 | -0.76 | |
| PKSM | 125.6 | 174 | Sg | 10:39:43.80 | 0.00 |
| VYHS | 131.3 | 12 | Sn | 10:39:45.21 | -0.33 |
| KOVH | 141.8 | 192 | Sn | 10:39:47.83 | -0.04 |

1441.

2021-09-28 time: 7:49:00.60 UTC ML= 1.1
 lat: 45.873N lon: 18.403E h= 0.0 km
 erh= 0.3km erz=47.7km
 nr= 8 gap=252 rms=0.03
 Locality: Villánykövesd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 11.8 | 278 | Pg | 7:49:02.71 | -0.01 |
| | | | Sg | 49:04.31 | -0.06 |
| KOVH | 33.5 | 316 | Pg | 7:49:06.62 | 0.03 |
| | | | Sg | 49:11.30 | 0.04 |
| PKSM | 41.9 | 26 | Pg | 7:49:08.14 | 0.05 |
| | | | Sg | 49:13.91 | -0.03 |
| MORH | 42.4 | 26 | Pg | 7:49:08.16 | -0.02 |
| | | | Sg | 49:14.05 | -0.04 |

1442.

2021-09-28 time: 7:50:05.48 UTC ML= 1.1
 lat: 45.857N lon: 18.410E h= 0.0 km
 erh= 1.4km erz= 201km
 nr= 9 gap=262 rms=0.15
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 12.8 | 286 | Pg | 7:50:07.68 | -0.08 |
| | | | Sg | 50:09.85 | 0.31 |
| KOVH | 35.2 | 317 | Pg | 7:50:11.55 | -0.22 |
| | | | Sg | 50:16.65 | -0.03 |
| PKSM | 43.3 | 24 | PgU | 7:50:13.25 | 0.03 |
| | | | Sg | 50:19.23 | -0.02 |
| MORH | 43.8 | 24 | PgU | 7:50:13.30 | -0.01 |
| | | | Sg | 50:19.29 | -0.12 |
| PKB4 | 72.6 | 12 | Pg | 7:50:18.69 | 0.24 |

1443.

2021-09-28 time: 8:11:30.08 UTC ML= 1.7
 lat: 46.062N lon: 22.830E h= 0.0 km
 erh= 1.7km erz= 503km
 nr= 9 gap=170 rms=0.37
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 20.7 | 164 | Pg | 8:11:33.95 | 0.18 |
| | | | Sg | 11:36.86 | 0.20 |
| GZR | 74.5 | 183 | Pg | 8:11:43.34 | -0.04 |
| | | | Sg | 11:52.98 | -0.77 |
| DRGR | 81.6 | 354 | Pg | 8:11:44.59 | -0.06 |
| | | | Sg | 11:55.64 | -0.37 |
| SIRR | 93.2 | 284 | Sg | 8:11:59.90 | 0.19 |
| BZS | 106.5 | 242 | Pg | 8:11:49.66 | 0.57 |
| | | | Sg | 12:03.22 | -0.70 |

1444.

2021-09-28 time: 10:27:32.98 UTC ML= 1.7
 lat: 47.799N lon: 19.000E h= 0.0 km
 erh= 1.9km erz= 2.0km
 nr= 19 gap= 84 rms=0.74
 Locality: Kisoroszi
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 21.2 | 93 | Pg | 10:27:37.85 | 1.09 |
| | | | Sg | 27:39.64 | -0.07 |
| BUD | 35.1 | 177 | Sg | 10:27:43.76 | -0.39 |
| PSZ | 68.3 | 79 | Pg | 10:27:45.08 | -0.09 |
| | | | Sg | 27:53.92 | -0.76 |
| CSKK | 73.8 | 229 | Sg | 10:27:55.48 | -0.95 |
| VYHS | 78.2 | 351 | Sg | 10:27:58.62 | 0.78 |
| PKST | 94.3 | 230 | Pg | 10:27:49.69 | -0.13 |
| | | | Sg | 28:03.41 | 0.45 |
| MPLH | 130.4 | 238 | Pg | 10:27:56.41 | 0.14 |
| | | | Sg | 28:14.19 | -0.24 |
| EGYH | 132.4 | 251 | Sn | 10:28:15.49 | 0.60 |
| KECS | 134.2 | 55 | Pn | 10:27:57.02 | 0.27 |
| | | | Sn | 28:13.69 | -1.61 |
| MODS | 143.3 | 296 | Sn | 10:28:16.20 | -1.12 |
| PKS9 | 145.4 | 202 | Sn | 10:28:16.40 | -1.38 |
| PKB4 | 147.9 | 192 | Sn | 10:28:18.10 | -0.23 |
| MORH | 178.1 | 189 | Sn | 10:28:26.54 | 1.51 |
| PKSM | 178.6 | 189 | Sn | 10:28:27.34 | 2.21 |

1445.

2021-09-28 time: 11:07:52.89 UTC ML= 0.5
 lat: 46.015N lon: 18.474E h= 0.0 km
 erh= 1.8km erz= 289km
 nr= 6 gap=200 rms=0.18
 Locality: Monyoród
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 22.3 | 231 | Sg | 11:07:59.72 | -0.24 |
| PKSM | 25.4 | 31 | Pg | 11:07:57.61 | 0.19 |
| | | | Sg | 08:00.73 | -0.22 |
| MORH | 25.9 | 30 | Pg | 11:07:57.51 | 0.01 |
| | | | Sg | 08:00.93 | -0.18 |
| KOVH | 30.1 | 286 | Sg | 11:08:02.69 | 0.24 |

1446.

2021-09-28 time: 11:19:11.15 UTC ML= 0.7
 lat: 46.008N lon: 18.458E h= 0.0 km
 erh= 1.5km erz= 293km
 nr= 8 gap=198 rms=0.21
 Locality: Szederkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 20.8 | 230 | Pg | 11:19:15.01 | 0.14 |
| | | | Sg | 19:16.67 | -1.10 |
| PKSM | 26.7 | 32 | Pg | 11:19:16.01 | 0.09 |
| | | | Sg | 19:19.53 | -0.10 |
| MORH | 27.2 | 32 | Pg | 11:19:16.12 | 0.11 |
| | | | Sg | 19:19.43 | -0.36 |
| KOVH | 29.2 | 288 | Pg | 11:19:16.27 | -0.09 |
| | | | Sg | 19:20.58 | 0.16 |

1447.

2021-09-28 time: 11:36:02.11 UTC ML= 1.8
 lat: 47.908N lon: 20.148E h= 0.0 km
 erh= 5.4km erz= 6.0km
 nr= 11 gap=197 rms=0.91
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 19.0 | 274 | Pg | 11:36:05.50 | 0.00 |
| | | | Sg | 36:07.82 | -0.33 |
| PENC | 66.1 | 259 | Sg | 11:36:23.58 | 0.45 |
| KECS | 68.7 | 21 | Pg | 11:36:15.30 | 0.91 |
| | | | Sg | 36:24.78 | 0.82 |
| ABAH | 92.1 | 62 | Pg | 11:36:17.95 | -0.60 |
| | | | Sg | 36:31.21 | -0.17 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| VYHS | 117.3 | 304 | Pg | 11:36:22.33 | -0.73 |
| | | | Sg | 36:37.43 | -1.97 |
| LANS | 147.0 | 340 | Pn | 11:36:29.20 | 1.72 |
| | | | Sn | 36:45.97 | -1.30 |

1448.

2021-09-28 time: 15:25:32.46 UTC ML= 1.4
 lat: 47.555N lon: 16.337E h= 0.0 km
 erh= 5.1km erz= 4.5km
 nr= 7 gap=270 rms=0.61
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.3 | 349 | PgU | 15:25:35.94 | 0.56 |
| | | | Sg | 25:37.87 | 0.21 |
| SOP | 21.9 | 49 | Sg | 15:25:39.82 | 0.39 |
| CONA | 54.7 | 319 | Sg | 15:25:49.46 | -0.38 |
| MODS | 115.0 | 38 | Sg | 15:26:08.14 | -0.87 |
| KRUC | 167.6 | 1 | Pn | 15:26:00.41 | 0.02 |
| | | | Sn | 26:20.18 | -2.00 |

1449.

2021-09-28 time: 19:59:09.28 UTC ML= 2.3
 lat: 45.562N lon: 16.032E h= 11.0 km
 erh= 2.4km erz= 1.6km
 nr= 25 gap=168 rms=0.68
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 29.8 | 354 | Pg | 19:59:15.10 | 0.15 |
| | | | Sg | 59:19.87 | 0.50 |
| PTJ | 38.0 | 351 | Pg | 19:59:16.15 | -0.19 |
| | | | Sg | 59:21.32 | -0.53 |
| CRES | 53.6 | 303 | Pg | 19:59:19.17 | 0.12 |
| | | | Sg | 59:26.87 | 0.21 |
| KOGS | 99.9 | 10 | P* | 19:59:26.78 | -0.41 |
| | | | S* | 59:40.09 | -1.07 |
| GROS | 108.0 | 338 | Pn | 19:59:27.94 | -0.44 |
| | | | Sn | 59:41.54 | -1.73 |
| BEHE | 116.2 | 30 | Pn | 19:59:30.09 | 0.70 |
| | | | Sn | 59:44.38 | -0.70 |
| BLY | 128.0 | 135 | Pn | 19:59:30.33 | -0.53 |
| | | | Sn | 59:46.53 | -1.16 |
| PERS | 138.8 | 329 | Pn | 19:59:32.82 | 0.61 |
| | | | Sn | 59:49.90 | -0.19 |
| SOKA | 146.1 | 328 | Pn | 19:59:34.22 | 1.09 |
| | | | Sn | 59:52.16 | 0.43 |
| KOVH | 171.0 | 70 | Sn | 19:59:57.81 | 0.57 |
| PKSV | 176.6 | 78 | Pn | 19:59:38.17 | 1.25 |
| | | | Sn | 59:59.26 | 0.78 |
| PKSM | 215.0 | 70 | Pn | 19:59:41.21 | -0.50 |
| | | | Sn | 20:00:09.92 | 2.91* |
| MORH | 215.3 | 70 | Pn | 19:59:41.50 | -0.26 |
| | | | Sn | 20:00:09.61 | 2.52 |

1450.

2021-09-29 time: 7:07:31.65 UTC ML= 1.2
 lat: 47.975N lon: 16.624E h= 0.0 km
 erh= 1.9km erz= 552km
 nr= 10 gap=141 rms=0.44
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SOP | 32.9 | 189 | Pg | 7:07:37.70 | 0.18 |
| | | | Sg | 07:41.44 | -0.65 |
| RONA | 39.3 | 219 | Pg | 7:07:39.07 | 0.41 |
| | | | Sg | 07:43.65 | -0.49 |
| CONA | 57.2 | 265 | Pg | 7:07:42.24 | 0.38 |
| | | | Sg | 07:49.32 | -0.51 |

Hypocenter Parameters

MODS 65.7 48 Pg 7:07:43.74 0.35
 Sg 07:52.53 -0.01
 KRUC 122.0 352 Pg 7:07:53.03 -0.40
 Sg 08:08.40 -2.02

1451.

2021-09-29 time: 8:09:53.65 UTC ML= 1.0
 lat: 46.113N lon: 18.049E h= 0.0 km
 erh= 2.3km erz= 384km
 nr= 8 gap=231 rms=0.28
 Locality: Bükkösd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 4.8 | 125 | PgU | 8:09:54.83 | 0.32 |
| | | | Sg | 09:55.99 | 0.81 |
| PKSV | 29.5 | 148 | Sg | 8:10:02.64 | -0.40 |
| PKSM | 47.1 | 77 | Pg | 8:10:02.03 | -0.03 |
| | | | Sg | 10:08.39 | -0.22 |
| MORH | 47.4 | 76 | Pg | 8:10:01.98 | -0.13 |
| | | | Sg | 10:08.54 | -0.17 |
| PKS9 | 55.6 | 19 | Sg | 8:10:11.32 | 0.01 |

1452.

2021-09-29 time: 8:22:03.86 UTC ML= 1.3
 lat: 47.504N lon: 18.670E h= 8.2 km
 erh= 2.4km erz= 2.0km
 nr= 12 gap= 86 rms=0.57
 Locality: Bicske
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BUD | 26.8 | 95 | Sg | 8:22:12.23 | -0.52 |
| CSKK | 34.7 | 243 | Sg | 8:22:15.04 | -0.13 |
| PKST | 55.2 | 240 | Pg | 8:22:14.03 | 0.21 |
| | | | Sg | 22:21.56 | -0.04 |
| PENC | 55.9 | 55 | Sg | 8:22:22.37 | 0.56 |
| MPLH | 93.2 | 246 | Sg | 8:22:32.91 | -0.67 |
| PSZ | 102.8 | 63 | Pg | 8:22:22.97 | 0.70 |
| | | | Sg | 22:35.22 | -1.41 |
| VYHS | 110.7 | 6 | Pn | 8:22:23.77 | 0.12 |
| | | | Sn | 22:38.13 | -0.96 |
| MODS | 142.0 | 313 | Sn | 8:22:46.07 | 0.03 |
| PKSM | 143.7 | 181 | Sn | 8:22:47.07 | 0.66 |

1453.

2021-09-29 time: 8:25:25.86 UTC ML= 1.0
 lat: 46.129N lon: 18.024E h= 0.0 km
 erh= 1.5km erz= 294km
 nr= 10 gap=235 rms=0.23
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 7.4 | 127 | Pg | 8:25:27.28 | 0.11 |
| | | | Sg | 25:28.56 | 0.36 |
| PKSV | 32.0 | 146 | Pg | 8:25:31.47 | -0.10 |
| | | | Sg | 25:35.82 | -0.21 |
| PKSM | 48.6 | 79 | Pg | 8:25:34.56 | 0.03 |
| | | | Sg | 25:41.26 | -0.03 |
| MORH | 48.9 | 79 | Pg | 8:25:34.41 | -0.17 |
| | | | Sg | 25:41.29 | -0.10 |
| PKS9 | 54.6 | 21 | Sg | 8:25:43.67 | 0.46 |
| PKB4 | 60.5 | 48 | Sg | 8:25:43.87 | -1.23 |

Földrengés paraméterek

1454.

2021-09-29 time: 9:16:34.90 UTC ML= 0.7
 lat: 47.164N lon: 18.152E h= 0.0 km
 erh= 5.1km erz= ***km
 nr= 8 gap=159 rms=1.03
 Locality: Pétfürdő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 13.8 | 320 | Pg | 9:16:37.84 | 0.48 |
| | | | Sg | 16:39.48 | 0.20 |
| CSKK | 23.6 | 20 | Pg | 9:16:38.15 | -0.96 |
| | | | Sg | 16:40.19 | -2.21 |
| PKSG | 31.1 | 36 | Pg | 9:16:42.02 | 1.57 |
| | | | Sg | 16:45.17 | 0.39 |
| MORH | 112.0 | 160 | Sg | 9:17:10.09 | -0.40 |
| PKSM | 112.3 | 161 | Sg | 9:17:10.09 | -0.51 |

1455.

2021-09-29 time: 9:28:45.56 UTC ML= 1.8
 lat: 46.874N lon: 17.268E h= 0.0 km
 erh= 2.2km erz= 3.8km
 nr= 20 gap= 93 rms=1.01
 Locality: Zalaszentő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 38.9 | 32 | Pg | 9:28:53.24 | 0.74 |
| | | | Sg | 28:57.23 | -0.68 |
| TIH | 47.7 | 87 | Sg | 9:29:00.49 | -0.23 |
| EGYH | 60.6 | 5 | Sg | 9:29:04.81 | -0.01 |
| PKST | 72.2 | 54 | Pg | 9:28:59.29 | 0.83 |
| | | | Sg | 29:08.03 | -0.49 |
| PKS9 | 83.6 | 112 | Sg | 9:29:13.20 | 1.08 |
| KOGS | 91.2 | 239 | Sg | 9:29:14.20 | -0.33 |
| CSKK | 92.9 | 54 | Sg | 9:29:15.81 | 0.73 |
| PKSG | 102.8 | 56 | Sg | 9:29:18.07 | -0.16 |
| SOP | 104.8 | 329 | Sg | 9:29:18.27 | -0.60 |
| KOVH | 108.2 | 144 | Pg | 9:29:05.72 | 0.85 |
| | | | Sg | 29:19.07 | -0.87 |
| PKB4 | 110.5 | 112 | Sg | 9:29:19.17 | -1.50 |
| MORH | 128.4 | 125 | Pg | 9:29:09.33 | 0.84 |
| | | | Sg | 29:23.84 | -2.53 |
| PKSM | 128.5 | 125 | Pg | 9:29:09.53 | 1.03 |
| | | | Sg | 29:23.64 | -2.76 |
| SRO | 130.9 | 37 | Sn | 9:29:26.00 | -1.14 |
| PKSV | 133.1 | 145 | Sn | 9:29:26.50 | -1.13 |

1456.

2021-09-29 time: 9:35:33.50 UTC ML= 1.3
 lat: 48.391N lon: 20.676E h= 0.0 km
 erh= 1.7km erz= 392km
 nr= 5 gap=158 rms=0.18
 Locality: Alsótelkes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 17.4 | 306 | Pg | 9:35:36.71 | 0.10 |
| | | | Sg | 35:38.82 | -0.21 |
| ABAH | 43.1 | 104 | Sg | 9:35:47.30 | 0.09 |
| PSZ | 78.3 | 228 | Pg | 9:35:47.30 | -0.19 |
| | | | Sg | 35:58.70 | 0.30 |

1457.

2021-09-29 time: 12:29:04.55 UTC ML= 1.9
 lat: 47.073N lon: 19.418E h= 0.0 km
 erh= 2.8km erz= 527km
 nr= 9 gap=191 rms=0.40
 Locality: Tatárszentgyörgy
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.7 | 262 | Pg | 12:29:08.13 | 0.06 |
| | | | Sg | 29:10.03 | -0.79 |
| PENC | 80.5 | 353 | Pg | 12:29:19.43 | 0.51 |
| PSZ | 100.6 | 21 | Pg | 12:29:21.87 | -0.65 |
| PKS9 | 102.3 | 238 | Pg | 12:29:22.74 | -0.08 |
| MORH | 112.2 | 212 | Pg | 12:29:24.98 | 0.40 |
| | | | Sg | 29:39.99 | -0.21 |
| PKSM | 112.7 | 212 | Pg | 12:29:24.93 | 0.26 |
| | | | Sg | 29:40.24 | -0.12 |

1458.

2021-09-29 time: 12:45:53.62 UTC ML= 1.8
 lat: 47.070N lon: 19.379E h= 0.0 km
 erh= 3.9km erz= 767km
 nr= 8 gap=188 rms=0.57
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 16.8 | 261 | Pg | 12:45:57.13 | 0.52 |
| | | | Sg | 45:58.87 | -0.08 |
| PENC | 80.5 | 355 | Pg | 12:46:08.43 | 0.44 |
| PSZ | 102.0 | 22 | Pg | 12:46:11.03 | -0.81 |
| MORH | 110.3 | 211 | Pg | 12:46:13.57 | 0.25 |
| | | | Sg | 46:27.67 | -1.02 |
| PKSM | 110.8 | 211 | Pg | 12:46:13.83 | 0.42 |
| | | | Sg | 46:28.03 | -0.82 |

1459.

2021-09-30 time: 6:32:39.11 UTC ML= 1.4
 lat: 48.042N lon: 20.709E h= 0.2 km
 erh= 2.4km erz= 488km
 nr= 6 gap=203 rms=0.28
 Locality: Kisgyőr
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| ABAH | 48.6 | 54 | Pg | 6:32:47.93 | 0.15 |
| | | | Sg | 32:54.26 | -0.29 |
| KECS | 51.8 | 341 | Pg | 6:32:48.74 | 0.38 |
| | | | Sg | 32:55.06 | -0.52 |
| PSZ | 62.3 | 257 | Pg | 6:32:50.04 | -0.19 |
| | | | Sg | 32:58.98 | 0.07 |

1460.

2021-09-30 time: 6:44:19.43 UTC ML= 1.1
 lat: 47.356N lon: 18.414E h= 0.0 km
 erh= 2.0km erz= 4.5km
 nr= 12 gap=100 rms=0.70
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.6 | 274 | Pg | 6:44:21.96 | 0.45 |
| | | | Sg | 44:23.36 | 0.23 |
| PKST | 30.7 | 249 | Pg | 6:44:25.50 | 0.59 |
| | | | Sg | 44:29.19 | 0.01 |
| MPLH | 69.3 | 253 | Sg | 6:44:40.92 | -0.55 |
| PKB1 | 69.7 | 156 | Sg | 6:44:44.58 | 2.99 |
| PKB5 | 88.1 | 164 | Sg | 6:44:47.69 | 0.27 |
| PSZ | 127.6 | 61 | Sg | 6:44:59.75 | -0.24 |
| MORH | 128.0 | 172 | Sg | 6:44:58.88 | -1.22 |
| PKSM | 128.4 | 172 | Sg | 6:44:59.29 | -0.94 |
| VYHS | 130.4 | 14 | Sg | 6:45:00.26 | -0.62 |
| KOVH | 142.9 | 190 | Sn | 6:45:03.31 | -0.37 |

1461.

2021-09-30 time: 8:28:51.30 UTC ML= 2.0
 lat: 48.253N lon: 19.847E h= 0.0 km
 erh= 2.2km erz= 4.7km
 nr= 13 gap= 87 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 37.4 | 175 | Pg | 8:28:58.25 | 0.27 |
| | | | Sg | 29:03.07 | -0.12 |
| KECS | 53.8 | 62 | Pg | 8:29:00.56 | -0.35 |
| | | | Sg | 29:08.42 | 0.01 |
| PENC | 66.5 | 219 | Pg | 8:29:03.76 | 0.58 |
| | | | Sg | 29:11.53 | -0.91 |
| VYHS | 79.5 | 290 | Pg | 8:29:06.07 | 0.57 |
| | | | Sg | 29:15.51 | -1.06 |
| ABAH | 103.5 | 87 | Sg | 8:29:22.55 | -1.65 |
| LANS | 103.6 | 344 | Pg | 8:29:09.89 | 0.09 |
| | | | Sg | 29:23.64 | -0.59 |
| NIE | 134.1 | 15 | Pn | 8:29:17.02 | 1.97 |
| | | | Sn | 29:32.98 | -0.60 |

1462.

2021-09-30 time: 10:39:18.16 UTC ML= 2.0
 lat: 48.258N lon: 21.231E h= 0.0 km
 erh= 2.1km erz= 2.6km
 nr= 14 gap=104 rms=0.69
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 4.3 | 9 | Pg | 10:39:19.15 | 0.23 |
| | | | Sg | 39:20.35 | 0.83 |
| KECS | 60.6 | 294 | Pg | 10:39:29.29 | 0.30 |
| | | | Sg | 39:36.67 | -0.76 |
| TRPA | 98.3 | 98 | Pg | 10:39:35.97 | 0.25 |
| | | | Sg | 39:48.37 | -1.04 |
| PSZ | 106.5 | 249 | Pg | 10:39:37.43 | 0.25 |
| | | | Sg | 39:50.88 | -1.13 |
| KOLS | 107.4 | 46 | Sg | 10:39:50.98 | -1.34 |
| NIE | 145.6 | 332 | Sn | 10:40:02.33 | -0.67 |
| PENC | 154.4 | 250 | Sn | 10:40:05.14 | 0.18 |
| LANS | 163.4 | 307 | Sn | 10:40:07.25 | 0.31 |
| VYHS | 179.3 | 278 | Sn | 10:40:10.36 | -0.13 |
| DRGR | 197.5 | 146 | Pn | 10:39:51.38 | 1.55 |

1463.

2021-09-30 time: 10:39:49.83 UTC ML= 1.9
 lat: 48.203N lon: 21.244E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 5 gap=204 rms=0.47
 Locality: Mád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| ABAH | 10.4 | 358 | Pg | 10:39:52.05 | 0.36 |
| | | | Sg | 39:52.85 | -0.28 |
| KECS | 64.3 | 299 | Pg | 10:40:01.69 | 0.38 |
| | | | Sg | 40:09.37 | -0.89 |
| TRPA | 96.7 | 95 | Sg | 10:40:20.12 | -0.45 |

1464.

2021-09-30 time: 13:43:49.79 UTC ML= 1.7
 lat: 47.082N lon: 19.391E h= 0.0 km
 erh= 3.4km erz= 632km
 nr= 9 gap=189 rms=0.49
 Locality: Tatárszentgyörgy
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 17.9 | 258 | Pg | 13:43:53.36 | 0.37 |
| | | | Sg | 43:54.98 | -0.50 |
| PKB5 | 73.7 | 223 | Pg | 13:44:03.65 | 0.71 |
| | | | Sg | 44:13.42 | 0.22 |
| PENC | 79.2 | 354 | Pg | 13:44:04.38 | 0.44 |
| PSZ | 100.5 | 22 | Pg | 13:44:07.14 | -0.59 |
| MORH | 111.9 | 211 | Pg | 13:44:09.70 | -0.08 |
| PKSM | 112.4 | 211 | Pg | 13:44:09.50 | -0.37 |
| | | | Sg | 44:24.71 | -0.82 |

1465.

2021-09-30 time: 13:56:32.47 UTC ML= 1.8
 lat: 47.095N lon: 19.339E h= 0.0 km
 erh= 3.7km erz= 677km
 nr= 13 gap=184 rms=0.59
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 14.6 | 248 | Pg | 13:56:35.33 | 0.26 |
| | | | Sg | 56:37.33 | 0.23 |
| PKB1 | 54.1 | 230 | Pg | 13:56:42.09 | -0.05 |
| | | | Sg | 56:49.04 | -0.64 |
| PKB5 | 72.2 | 220 | Pg | 13:56:46.45 | 1.08 |
| | | | Sg | 56:56.29 | 0.87 |
| PENC | 77.4 | 357 | Pg | 13:56:46.85 | 0.55 |
| PKS9 | 98.7 | 235 | Pg | 13:56:49.76 | -0.33 |
| PSZ | 100.6 | 25 | Pg | 13:56:49.76 | -0.68 |
| MORH | 111.3 | 209 | Pg | 13:56:52.28 | -0.07 |
| | | | Sg | 57:06.69 | -1.16 |
| PKSM | 111.8 | 209 | Pg | 13:56:52.48 | 0.04 |
| | | | Sg | 57:07.04 | -0.97 |

1466.

2021-10-01 time: 6:45:42.81 UTC ML= 2.3
 lat: 47.988N lon: 20.066E h= 0.0 km
 erh= 4.9km erz= 5.0km
 nr= 8 gap=210 rms=0.79
 Locality: Mátraballa
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 15.0 | 239 | PgU | 6:45:45.40 | -0.09 |
| | | | Sg | 45:47.85 | 0.28 |
| PENC | 62.6 | 250 | Sg | 6:46:00.62 | -2.10 |
| KECS | 63.3 | 29 | Sg | 6:46:01.94 | -0.99 |
| VYHS | 107.3 | 302 | Pg | 6:46:02.45 | 0.47 |
| | | | Sg | 46:16.30 | -0.63 |
| LANS | 136.7 | 341 | Pn | 6:46:07.75 | 0.87 |
| | | | Sn | 46:26.27 | 0.61 |

1467.

2021-10-01 time: 8:29:54.98 UTC ML= 1.3
 lat: 47.310N lon: 18.361E h= 0.0 km
 erh= 1.4km erz= 2.8km
 nr= 7 gap=155 rms=0.32
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.6 | 308 | Pg | 8:29:57.01 | 0.31 |
| | | | Sg | 29:57.93 | -0.10 |
| PKST | 25.3 | 257 | Pg | 8:29:59.56 | 0.06 |
| | | | Sg | 30:02.76 | -0.27 |
| MORH | 123.5 | 170 | Sg | 8:30:34.52 | 0.27 |
| PKSM | 123.9 | 170 | Sg | 8:30:34.11 | -0.27 |
| VYHS | 136.4 | 15 | Sn | 8:30:36.55 | -1.21 |

1468.

2021-10-01 time: 8:33:42.07 UTC ML= 1.6
 lat: 48.565N lon: 20.372E h= 0.0 km
 erh= 3.1km erz= ***km
 nr= 10 gap=140 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 12.4 | 137 | Pg | 8:33:44.04 | -0.24 |
| | | | Sg | 33:45.10 | -0.90 |
| PSZ | 80.2 | 206 | Pg | 8:33:56.87 | 0.48 |
| | | | Sg | 34:07.11 | -0.45 |
| LANS | 93.0 | 314 | Pg | 8:33:58.85 | 0.17 |
| | | | Sg | 34:10.45 | -1.18 |
| NIE | 95.1 | 357 | Pg | 8:33:59.97 | 0.92 |
| | | | Sg | 34:10.71 | -1.58 |
| VYHS | 113.7 | 266 | Pg | 8:34:03.42 | 1.04 |
| | | | Sg | 34:17.43 | -0.79 |

1469.

2021-10-01 time: 9:37:11.45 UTC ML= 1.2
 lat: 48.039N lon: 19.628E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 6 gap=129 rms=0.63
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 24.0 | 124 | Pg | 9:37:16.15 | 0.41 |
| | | | Sg | 37:18.75 | -0.33 |
| PENC | 37.9 | 223 | Pg | 9:37:17.89 | -0.32 |
| | | | Sg | 37:24.04 | 0.56 |
| VYHS | 77.5 | 311 | Sg | 9:37:34.69 | -1.40 |
| LANS | 124.1 | 355 | Sg | 9:37:51.72 | 0.82 |

1470.

2021-10-01 time: 10:36:31.27 UTC ML= 1.5
 lat: 48.610N lon: 20.562E h= 0.0 km
 erh= 3.6km erz= 407km
 nr= 5 gap=298 rms=0.19
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 15.2 | 202 | Pg | 10:36:33.81 | -0.17 |
| | | | Sg | 36:36.22 | 0.13 |
| PSZ | 91.5 | 213 | Pg | 10:36:47.82 | 0.22 |
| | | | Sg | 37:00.07 | -0.28 |
| VYHS | 128.1 | 264 | Sg | 10:37:12.02 | 0.05 |

1471.

2021-10-01 time: 11:00:22.62 UTC ML= 1.9
 lat: 48.891N lon: 20.921E h= 0.0 km
 erh= 2.7km erz= 3.8km
 nr= 13 gap=128 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 55.6 | 215 | Pg | 11:00:32.31 | -0.23 |
| | | | Sg | 00:39.23 | -1.05 |
| STHS | 63.0 | 22 | Pg | 11:00:34.04 | 0.18 |
| | | | Sg | 00:41.98 | -0.65 |
| NIE | 73.5 | 323 | Pg | 11:00:36.08 | 0.34 |
| | | | Sg | 00:45.06 | -0.92 |
| KOLS | 99.2 | 87 | Pg | 11:00:40.45 | 0.12 |
| | | | Sg | 00:53.79 | -0.37 |
| LANS | 110.1 | 285 | Pg | 11:00:43.81 | 1.53 |
| PSZ | 132.2 | 215 | Pn | 11:00:45.85 | -0.29 |

Földrengés paraméterek

Hypocenter Parameters

VYHS 159.7 254 Sn 01:02.74 -1.74
 Pn 11:00:50.65 1.08
 Sn 01:09.89 -0.70

1472.

2021-10-02 time: 3:26:01.93 UTC ML= 1.5
 lat: 47.489N lon: 17.712E h= 12.3 km
 erh= 1.6km erz= 1.7km
 nr= 18 gap= 59 rms=0.61
 Locality: Sokorópátka
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| EGYH | 29.8 | 254 | Pg | 3:26:08.26 | 0.58 |
| | | | Sg | 26:13.01 | 0.83 |
| PKST | 35.3 | 136 | Pg | 3:26:08.54 | -0.06 |
| | | | Sg | 26:12.60 | -1.21 |
| MPLH | 37.8 | 200 | Pg | 3:26:09.21 | 0.18 |
| | | | Sg | 26:13.48 | -1.09 |
| CSKK | 43.7 | 109 | Sg | 3:26:15.94 | -0.41 |
| SRO | 57.8 | 51 | Pg | 3:26:12.04 | -0.43 |
| | | | Sg | 26:20.65 | -0.05 |
| TIH | 66.9 | 168 | Pg | 3:26:14.92 | 0.84 |
| A338 | 75.6 | 39 | Pg | 3:26:15.65 | 0.04 |
| | | | Sg | 26:26.24 | -0.05 |
| MODS | 103.6 | 342 | P* | 3:26:19.98 | -0.29 |
| | | | S* | 26:32.85 | -1.74 |
| RONA | 109.1 | 282 | Sn | 3:26:34.87 | -0.97 |
| PKB1 | 113.4 | 134 | Sn | 3:26:37.03 | 0.23 |
| VYHS | 139.7 | 37 | Pn | 3:26:25.36 | 0.56 |
| | | | Sn | 26:43.43 | 0.78 |

1473.

2021-10-02 time: 4:12:14.08 UTC ML= 1.4
 lat: 46.107N lon: 17.094E h= 11.0 km
 erh= 3.2km erz= 1.3km
 nr= 11 gap=151 rms=0.38
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOGS | 75.2 | 300 | Pg | 4:12:27.95 | 0.29 |
| | | | Sg | 12:37.62 | -0.64 |
| KOVH | 77.8 | 92 | Pg | 4:12:28.38 | 0.26 |
| | | | Sg | 12:38.77 | -0.30 |
| PKSV | 93.0 | 105 | Sg | 4:12:42.44 | -1.40 |
| PKSM | 120.1 | 84 | Pn | 4:12:34.97 | 0.28 |
| | | | Sn | 12:50.57 | -0.19 |
| MORH | 120.4 | 84 | Pn | 4:12:34.90 | 0.18 |
| | | | Sn | 12:50.27 | -0.55 |
| PKB4 | 124.1 | 70 | Sn | 4:12:51.56 | -0.10 |
| CRES | 130.7 | 256 | Sn | 4:12:53.30 | 0.19 |

1474.

2021-10-02 time: 8:46:48.80 UTC ML= 0.7
 lat: 46.176N lon: 18.285E h= 0.0 km
 erh= 1.1km erz= 202km
 nr= 8 gap=205 rms=0.15
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.3 | 236 | Pg | 8:46:51.69 | -0.20 |
| | | | Sg | 46:54.44 | 0.13 |
| PKSM | 27.8 | 82 | Pg | 8:46:53.93 | 0.17 |
| | | | Sg | 46:57.59 | -0.04 |
| MORH | 28.1 | 81 | Pg | 8:46:53.88 | 0.07 |
| | | | Sg | 46:57.44 | -0.28 |
| PKSV | 32.0 | 185 | Pg | 8:46:54.49 | -0.03 |
| | | | Sg | 46:59.12 | 0.13 |

1475.

2021-10-02 time: 13:53:48.34 UTC ML= 1.0
 lat: 47.750N lon: 16.154E h= 13.5 km
 erh= 1.6km erz= 1.2km
 nr= 13 gap=103 rms=0.47
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.1 | 118 | Pg | 13:53:52.01 | 0.43 |
| | | | Sg | 53:53.82 | -0.28 |
| CONA | 29.5 | 312 | Pg | 13:53:54.52 | 0.38 |
| | | | Sg | 53:58.51 | -0.15 |
| SOP | 31.3 | 104 | Sg | 13:53:58.89 | -0.28 |
| WINA | 40.2 | 351 | Pg | 13:53:56.04 | 0.13 |
| | | | Sg | 54:01.56 | -0.26 |
| ARSA | 73.1 | 221 | Pg | 13:54:01.72 | 0.11 |
| | | | Sg | 54:10.92 | -1.04 |
| MODS | 108.7 | 50 | Sn | 13:54:21.08 | -0.84 |
| ABNA | 115.5 | 332 | Sn | 13:54:22.84 | -0.59 |
| KRUC | 147.0 | 7 | Pn | 13:54:12.80 | 0.83 |
| | | | Sn | 54:30.20 | -0.21 |

1476.

2021-10-03 time: 2:15:10.86 UTC ML= 1.6
 lat: 46.050N lon: 16.750E h= 5.2 km
 erh= 2.0km erz= 2.2km
 nr= 21 gap= 88 rms=0.72
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 46.7 | 2 | Pg | 2:15:19.43 | 0.18 |
| | | | Sg | 15:25.98 | 0.19 |
| KOGS | 58.6 | 319 | Pg | 2:15:21.83 | 0.46 |
| | | | Sg | 15:28.94 | -0.63 |
| PTJ | 63.6 | 255 | Sg | 2:15:31.07 | -0.08 |
| CRES | 103.4 | 256 | Pg | 2:15:29.59 | 0.25 |
| | | | Sg | 15:43.56 | -0.20 |
| KOVH | 104.5 | 88 | Pg | 2:15:29.23 | -0.32 |
| | | | Sg | 15:42.47 | -1.65 |
| GROS | 106.5 | 295 | Pg | 2:15:30.42 | 0.52 |
| | | | Sg | 15:43.90 | -0.86 |
| PKSV | 117.8 | 99 | Pn | 2:15:30.73 | -1.18 |
| | | | Sn | 15:46.03 | -2.31 |
| PKSM | 147.3 | 83 | Pn | 2:15:35.91 | 0.32 |
| | | | Sn | 15:55.28 | 0.41 |
| MORH | 147.5 | 83 | Pn | 2:15:36.73 | 1.11 |
| | | | Sn | 15:55.22 | 0.29 |
| BLY | 148.6 | 167 | Sn | 2:15:56.08 | 0.91 |
| PKB4 | 151.2 | 71 | Sn | 2:15:55.41 | -0.35 |
| ARSA | 163.1 | 325 | Sn | 2:15:57.78 | -0.62 |
| PKB1 | 176.9 | 63 | Sn | 2:16:03.04 | 1.58 |

1477.

2021-10-03 time: 13:41:35.58 UTC ML= 1.9
 lat: 48.711N lon: 18.652E h= 12.2 km
 erh= 1.2km erz= 1.0km
 nr= 15 gap= 85 rms=0.36
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 27.7 | 151 | Pg | 13:41:41.40 | 0.42 |
| | | | Sg | 41:44.88 | -0.32 |
| LANS | 77.2 | 51 | eSg | 13:41:59.80 | -0.64 |
| A338 | 80.5 | 196 | Pg | 13:41:50.31 | 0.19 |
| | | | Sg | 42:01.05 | -0.40 |
| A337 | 82.2 | 231 | Sg | 13:42:01.38 | -0.61 |
| MODS | 108.2 | 250 | Pn | 13:41:54.70 | 0.16 |
| | | | Sn | 42:08.65 | -0.68 |
| PENC | 112.5 | 155 | Pn | 13:41:55.23 | 0.15 |

Hypocenter Parameters

Földrengés paraméterek

PSZ 127.5 134 Sn 42:10.19 -0.09
 KECS 137.6 101 Sn 13:42:13.81 0.20
 MORC 143.5 326 Pn 13:42:15.66 -0.20
 KRUC 170.1 283 Sn 13:41:59.35 0.41
 Sn 42:16.82 -0.34
 Pn 13:42:02.51 0.25

1478.

2021-10-04 time: 6:45:18.07 UTC ML= 1.8
 lat: 46.030N lon: 22.789E h= 0.0 km
 erh= 2.2km erz= 4.6km
 nr= 12 gap=115 rms=0.58
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.5 | 152 | Pg | 6:45:21.50 | 0.11 |
| | | | Sg | 45:24.01 | 0.04 |
| GZR | 70.8 | 181 | Pg | 6:45:31.14 | 0.43 |
| | | | Sg | 45:39.17 | -1.40 |
| DRGR | 84.9 | 356 | Pg | 6:45:33.25 | 0.02 |
| | | | Sg | 45:43.99 | -1.06 |
| SIRR | 91.2 | 287 | Pg | 6:45:34.66 | 0.30 |
| | | | Sg | 45:47.01 | -0.05 |
| BZS | 102.0 | 243 | Pg | 6:45:36.76 | 0.46 |
| | | | Sg | 45:49.32 | -1.19 |
| VOIR | 187.9 | 111 | Pn | 6:45:49.22 | 0.69 |
| | | | Sn | 46:11.41 | -0.88 |

1479.

2021-10-04 time: 7:13:56.60 UTC ML= 1.0
 lat: 46.147N lon: 18.055E h= 0.0 km
 erh= 3.2km erz= 658km
 nr= 9 gap=207 rms=0.49
 Locality: Okorvölgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 7.4 | 152 | Pg | 7:13:58.05 | 0.13 |
| | | | Sg | 13:58.74 | -0.21 |
| PKSV | 32.5 | 152 | Sg | 7:14:06.39 | -0.56 |
| PKSM | 45.9 | 81 | Pg | 7:14:05.35 | 0.56 |
| | | | Sg | 14:10.62 | -0.56 |
| MORH | 46.1 | 80 | Pg | 7:14:05.33 | 0.49 |
| | | | Sg | 14:10.97 | -0.30 |
| PKB4 | 57.4 | 47 | Sg | 7:14:14.80 | -0.05 |
| PKST | 123.6 | 359 | Sg | 7:14:34.49 | -1.41 |

1480.

2021-10-04 time: 8:12:02.85 UTC ML= 1.7
 lat: 46.027N lon: 22.867E h= 0.0 km
 erh= 2.0km erz= 3.9km
 nr= 12 gap=119 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 16.2 | 170 | Pg | 8:12:06.36 | 0.61 |
| | | | Sg | 12:08.77 | 0.76 |
| GZR | 70.8 | 186 | Pg | 8:12:15.65 | 0.16 |
| | | | Sg | 12:24.53 | -0.82 |
| DRGR | 85.8 | 352 | Pg | 8:12:18.41 | 0.23 |
| | | | Sg | 12:29.41 | -0.73 |
| SIRR | 97.0 | 286 | Pg | 8:12:20.52 | 0.34 |
| | | | Sg | 12:33.47 | -0.22 |
| BZS | 107.3 | 245 | Pg | 8:12:21.77 | -0.25 |
| | | | Sg | 12:35.18 | -1.79 |
| VOIR | 182.1 | 111 | Pn | 8:12:32.57 | -0.03 |
| | | | Sn | 12:54.91 | -0.88 |

1481.

2021-10-04 time: 8:19:07.14 UTC ML= 1.5
 lat: 47.868N lon: 19.148E h= 0.0 km
 erh= 2.8km erz= 616km
 nr= 7 gap=211 rms=0.41
 Locality: Nőtincs
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 13.2 | 131 | Pg | 8:19:09.48 | -0.01 |
| | | | Sg | 19:11.52 | 0.19 |
| PSZ | 56.1 | 84 | Pg | 8:19:16.47 | -0.69 |
| | | | Sg | 19:25.10 | 0.12 |
| VYHS | 73.4 | 342 | Pg | 8:19:20.71 | 0.46 |
| | | | Sg | 19:30.16 | -0.32 |
| KECS | 120.8 | 55 | Sg | 8:19:45.97 | 0.44 |

1482.

2021-10-04 time: 8:46:19.18 UTC ML= 2.0
 lat: 48.495N lon: 19.396E h= 0.0 km
 erh= 2.8km erz= ***km
 nr= 9 gap= 94 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 41.4 | 270 | Pg | 8:46:26.91 | 0.33 |
| | | | Sg | 46:31.53 | -0.82 |
| LANS | 73.1 | 4 | Pg | 8:46:33.03 | 0.79 |
| | | | Sg | 46:41.33 | -1.09 |
| PSZ | 74.0 | 150 | Sg | 8:46:42.37 | -0.35 |
| PENC | 78.8 | 186 | Sg | 8:46:43.99 | -0.24 |
| KECS | 80.5 | 91 | Sg | 8:46:44.55 | -0.23 |
| NIE | 122.7 | 33 | Pg | 8:46:42.04 | 0.94 |
| | | | Sg | 46:56.40 | -1.80 |

1483.

2021-10-04 time: 9:15:12.18 UTC ML= 1.6
 lat: 45.571N lon: 17.325E h= 11.1 km
 erh= 2.2km erz= 0.8km
 nr= 10 gap=217 rms=0.17
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 80.3 | 64 | Pg | 9:15:26.56 | -0.11 |
| | | | Sg | 15:38.38 | 0.41 |
| KOVH | 83.3 | 46 | Pg | 9:15:26.97 | -0.21 |
| | | | Sg | 15:38.98 | 0.10 |
| PKSM | 124.6 | 55 | Pn | 9:15:33.48 | 0.15 |
| | | | Sn | 15:49.61 | -0.21 |
| MORH | 125.0 | 55 | Pn | 9:15:33.48 | 0.10 |
| | | | Sn | 15:49.77 | -0.14 |
| CRES | 148.2 | 281 | Pn | 9:15:36.29 | 0.01 |
| | | | Sn | 15:55.23 | 0.15 |

1484.

2021-10-04 time: 10:35:05.85 UTC ML= 2.2
 lat: 46.996N lon: 22.280E h= 0.0 km
 erh= 2.9km erz= 3.9km
 nr= 15 gap= 89 rms=0.87
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| DRGR | 39.9 | 125 | PgU | 10:35:13.48 | 0.51 |
| | | | Sg | 35:17.91 | -0.62 |
| LTVH | 52.0 | 326 | Pg | 10:35:16.83 | 1.70 |
| SIRR | 93.9 | 210 | Pg | 10:35:23.05 | 0.44 |
| | | | Sg | 35:34.03 | -1.66 |

Földrengés paraméterek

Hypocenter Parameters

CJR 105.3 107 Pg 10:35:24.77 0.12
 Sg 35:37.69 -1.63
 BMR 118.8 51 Pg 10:35:27.39 0.32
 TRPA 127.7 9 Pg 10:35:28.29 -0.35
 Sg 35:44.28 -2.14
 BZS 161.6 198 Pn 10:35:32.31 -0.72
 Sn 35:53.60 -0.63
 GZR 182.2 168 Pn 10:35:36.55 0.95
 Sn 35:58.79 -0.01
 PSZ 207.1 300 Pn 10:35:38.79 0.08

Sn 58:54.35 -2.32
 1488.
 2021-10-05 time: 7:05:36.99 UTC ML= 1.3
 lat: 47.956N lon: 16.567E h= 0.0 km
 erh= 4.0km erz= 7.5km
 nr= 11 gap= 87 rms=1.19
 Locality: Austria
 Comments: probably explosion

1485.

2021-10-04 time: 11:01:36.97 UTC ML= 1.8
 lat: 48.872N lon: 20.915E h= 0.0 km
 erh= 1.7km erz= 3.3km
 nr= 14 gap= 91 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta dist azm phase hr mn sec res
 SOP 30.3 181 Sg 7:05:46.74 0.12
 RONA 35.0 215 Pg 7:05:43.33 0.10
 Sg 05:47.44 -0.66
 CONA 52.8 267 Pg 7:05:47.75 1.33
 Sg 05:54.27 0.49
 MODS 70.3 49 Sg 7:05:59.29 -0.05
 ARSA 111.0 225 Sg 7:06:09.94 -2.32
 MPLH 113.9 140 Sg 7:06:12.25 -0.95
 KRUC 123.6 354 Sg 7:06:13.55 -2.74
 PKST 134.8 125 Pn 7:06:02.31 1.48
 Sn 06:18.78 -0.64

sta dist azm phase hr mn sec res
 KECS 53.6 216 Pg 11:01:46.96 0.42
 Sg 01:54.27 0.26
 STHS 65.1 22 Pg 11:01:49.35 0.75
 Sg 01:57.12 -0.55
 NIE 75.0 324 Pg 11:01:51.03 0.67
 Sg 01:59.69 -1.12
 KOLS 99.8 86 Pg 11:01:55.24 0.45
 Sg 02:08.03 -0.66
 LANS 110.3 286 Pg 11:01:56.64 -0.03
 Sg 02:11.10 -0.94
 PSZ 130.3 215 Pg 11:02:00.50 0.27
 Sg 02:17.07 -1.30
 TRPA 145.6 125 Sn 11:02:20.44 -1.37
 VYHS 158.8 255 Sn 11:02:24.16 -0.57

1489.

2021-10-05 time: 7:32:29.70 UTC ML= 1.3
 lat: 47.361N lon: 18.448E h= 0.0 km
 erh= 4.3km erz= ***km
 nr= 6 gap=113 rms=0.77
 Locality: Gánt
 Comments: probably explosion

sta dist azm phase hr mn sec res
 CSKK 14.2 271 Pg 7:32:32.53 0.30
 Sg 32:34.54 0.34
 PKST 33.3 250 Sg 7:32:39.76 -0.51
 PSZ 125.1 60 Sg 7:33:11.05 1.57
 MORH 128.1 173 Sg 7:33:09.54 -0.88
 VYHS 129.3 13 Sg 7:33:09.79 -1.02

1486.

2021-10-04 time: 12:44:28.32 UTC ML= 1.1
 lat: 47.579N lon: 18.421E h= 0.0 km
 erh= 1.0km erz= 2.1km
 nr= 11 gap= 97 rms=0.61
 Locality: Tatabánya
 Comments: probably explosion

1490.

2021-10-05 time: 8:32:18.91 UTC ML= 1.7
 lat: 47.968N lon: 20.138E h= 0.0 km
 erh= 7.7km erz= ***km
 nr= 6 gap=229 rms=0.76
 Locality: Terpes
 Comments: probably explosion

sta dist azm phase hr mn sec res
 CSKK 26.9 207 Pg 12:44:33.47 0.35
 Sg 44:36.94 0.08
 PKST 46.0 219 Pg 12:44:36.94 0.41
 Sg 44:43.53 0.59
 PBUD 46.3 106 Sg 12:44:43.32 0.30
 BUD 46.6 103 Sg 12:44:43.17 0.04
 VYHS 106.3 17 Sg 12:45:02.32 0.20
 PSZ 116.7 71 Sg 12:45:04.62 -0.80
 MODS 122.9 316 Sg 12:45:06.71 -0.67
 MORH 152.5 174 Sn 12:45:13.35 -1.33
 PKSM 152.9 174 Sn 12:45:12.74 -2.03

sta dist azm phase hr mn sec res
 PSZ 19.0 253 Pg 8:32:23.02 0.72
 Sg 32:25.12 0.17
 KECS 62.8 24 Sg 8:32:39.25 0.38
 PENC 67.0 253 Pg 8:32:30.01 -0.87
 Sg 32:40.99 0.78
 VYHS 113.0 301 Sg 8:32:53.64 -1.18

1487.

2021-10-04 time: 12:58:13.86 UTC ML= 1.3
 lat: 47.859N lon: 16.031E h= 0.0 km
 erh= 0.8km erz= 1.3km
 nr= 8 gap= 92 rms=0.98
 Locality: Austria
 Comments: probably explosion

1491.

2021-10-05 time: 10:03:47.77 UTC ML= 1.2
 lat: 47.208N lon: 18.334E h= 0.0 km
 erh= 1.8km erz= 2.6km
 nr= 9 gap=112 rms=0.51
 Locality: Székesfehérvár
 Comments: probably explosion

sta dist azm phase hr mn sec res
 CONA 14.9 301 Pg 12:58:16.89 0.37
 Sg 58:19.28 0.70
 RONA 26.6 132 PgU 12:58:18.67 0.06
 Sg 58:22.54 0.22
 ARSA 77.7 209 Sg 12:58:37.60 -0.96
 MODS 109.0 58 Pg 12:58:34.75 1.42
 KRUC 136.5 11 Pn 12:58:36.94 -0.97

sta dist azm phase hr mn sec res
 CSKK 18.1 342 Pg 10:03:51.55 0.55
 Sg 03:53.56 0.04
 PKST 23.4 284 Pg 10:03:51.85 -0.10
 Sg 03:54.82 -0.39
 MORH 112.9 168 Pg 10:04:08.66 0.73
 Sg 04:23.29 -0.36

Hypocenter Parameters

KOVH 125.8 188 Sg 10:04:27.33 -0.43
 PSZ 141.5 56 Sn 10:04:30.69 -1.00
 VYHS 147.8 15 Sn 10:04:32.50 -0.59

1492.

2021-10-05 time: 10:28:33.81 UTC ML= 1.4
 lat: 46.955N lon: 17.294E h= 0.0 km
 erh= 3.5km erz= 3.9km
 nr= 7 gap=129 rms=0.40
 Locality: Sümegprága
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 30.3 | 38 | Pg | 10:28:39.52 | 0.29 |
| | | | Sg | 28:43.38 | -0.07 |
| PKST | 65.6 | 59 | Sg | 10:28:54.89 | 0.23 |
| RONA | 112.0 | 318 | Sg | 10:29:08.93 | -0.47 |
| PKSM | 132.3 | 129 | Sn | 10:29:14.94 | -0.75 |
| CONA | 152.9 | 315 | Sn | 10:29:20.03 | -0.23 |
| PERS | 170.0 | 258 | Sn | 10:29:24.71 | 0.66 |

1493.

2021-10-05 time: 10:46:55.39 UTC ML= 1.3
 lat: 47.832N lon: 19.118E h= 0.0 km
 erh= 2.4km erz= 630km
 nr= 5 gap=154 rms=0.28
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 13.1 | 111 | Pg | 10:46:57.90 | 0.17 |
| | | | Sg | 46:59.89 | 0.34 |
| BUD | 39.4 | 190 | Sg | 10:47:07.67 | -0.24 |
| PSZ | 58.9 | 81 | Sg | 10:47:13.57 | -0.53 |
| VYHS | 76.5 | 344 | Sg | 10:47:19.74 | 0.03 |

1494.

2021-10-05 time: 11:15:51.59 UTC ML= 1.9
 lat: 48.462N lon: 19.563E h= 0.0 km
 erh= 2.3km erz= 781km
 nr= 8 gap=116 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 53.9 | 274 | Pg | 11:16:01.64 | 0.43 |
| | | | Sg | 16:08.02 | -0.69 |
| PSZ | 65.3 | 158 | Sg | 11:16:11.73 | -0.62 |
| KECS | 68.2 | 88 | Pg | 11:16:04.19 | 0.42 |
| | | | Sg | 16:12.98 | -0.30 |
| LANS | 76.8 | 355 | Pg | 11:16:05.86 | 0.55 |
| | | | Sg | 16:15.00 | -1.01 |
| NIE | 119.7 | 27 | Sg | 11:16:29.25 | -0.39 |

1495.

2021-10-05 time: 11:53:34.75 UTC ML= 1.6
 lat: 48.578N lon: 20.754E h= 0.0 km
 erh= 2.6km erz= 3.9km
 nr= 11 gap=150 rms=0.59
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 22.5 | 242 | Pg | 11:53:38.86 | 0.10 |
| | | | Sg | 53:41.52 | -0.37 |
| PSZ | 97.3 | 221 | Pg | 11:53:52.61 | 0.49 |
| | | | Sg | 54:05.62 | -0.05 |
| NIE | 98.9 | 341 | Pg | 11:53:53.17 | 0.77 |
| | | | Sg | 54:05.37 | -0.80 |
| STHS | 99.9 | 21 | Pg | 11:53:53.02 | 0.44 |

Földrengés paraméterek

Sg 54:05.67 -0.82
 KOLS 118.5 71 Sg 11:54:11.49 -0.91
 VYHS 142.0 266 Pn 11:53:59.44 -0.04
 Sn 54:17.22 -1.55

1496.

2021-10-05 time: 12:30:17.46 UTC ML= 1.6
 lat: 47.594N lon: 16.346E h= 0.0 km
 erh= 2.5km erz= 3.4km
 nr= 10 gap=198 rms=0.58
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 12.3 | 342 | PgU | 12:30:19.83 | 0.17 |
| | | | Sg | 30:22.14 | 0.76 |
| SOP | 18.8 | 58 | Sg | 12:30:23.73 | 0.29 |
| CONA | 52.0 | 316 | Pg | 12:30:26.97 | 0.23 |
| | | | Sg | 30:33.52 | -0.46 |
| MPLH | 101.7 | 118 | Sg | 12:30:49.49 | -0.30 |
| MODS | 111.1 | 39 | Pg | 12:30:37.98 | 0.68 |
| | | | Sg | 30:51.70 | -1.08 |
| KRUC | 163.3 | 1 | Pn | 12:30:44.27 | -0.58 |
| | | | Sn | 31:04.84 | -1.37 |

1497.

2021-10-06 time: 4:06:29.04 UTC ML= 2.1
 lat: 48.423N lon: 17.135E h= 5.9 km
 erh= 1.5km erz= 1.3km
 nr= 39 gap= 53 rms=0.81
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 11.8 | 117 | PgD | 4:06:31.64 | 0.24 |
| | | | Sg | 06:33.28 | 0.04 |
| SMOL | 23.9 | 65 | PgD | 4:06:33.80 | 0.36 |
| | | | Sg | 06:36.95 | 0.08 |
| A337 | 52.4 | 112 | Pg | 4:06:39.06 | 0.60 |
| WINA | 86.3 | 246 | Pg | 4:06:44.75 | 0.26 |
| | | | Sg | 06:55.46 | -1.08 |
| KRUC | 89.5 | 323 | Pg | 4:06:44.92 | -0.14 |
| | | | Sg | 06:55.92 | -1.64 |
| A338 | 101.2 | 117 | Sg | 4:06:59.82 | -1.43 |
| RONA | 101.9 | 218 | Pg | 4:06:47.18 | -0.08 |
| CONA | 109.5 | 240 | Pg | 4:06:48.58 | -0.04 |
| SRO | 110.8 | 128 | Pg | 4:06:48.25 | -0.61 |
| | | | Sg | 07:01.47 | -2.85 |
| EGYH | 112.8 | 173 | Pg | 4:06:49.85 | 0.65 |
| | | | Sg | 07:04.25 | -0.68 |
| VYHS | 126.1 | 86 | Pn | 4:06:50.83 | -0.21 |
| | | | Sn | 07:04.55 | -3.64 |
| ABNA | 128.7 | 282 | Pn | 4:06:51.05 | -0.31 |
| | | | Sn | 07:06.66 | -2.12 |
| MPLH | 142.5 | 168 | Pn | 4:06:52.67 | -0.42 |
| | | | Sn | 07:11.11 | -0.74 |
| CSKK | 144.8 | 144 | Pn | 4:06:54.09 | 0.72 |
| | | | Sn | 07:11.75 | -0.60 |
| PKST | 145.8 | 153 | Pn | 4:06:54.20 | 0.70 |
| | | | Sn | 07:12.62 | 0.03 |
| MORC | 153.5 | 11 | Pn | 4:06:54.74 | 0.28 |
| | | | Sn | 07:13.89 | -0.40 |
| PENC | 174.6 | 114 | Sn | 4:07:19.02 | 0.04 |
| ARSA | 177.6 | 223 | Pn | 4:06:59.66 | 2.19 |
| | | | Sn | 07:20.98 | 1.34 |
| KRLC | 185.6 | 352 | Pn | 4:06:59.25 | 0.79 |
| | | | Sn | 07:21.53 | 0.12 |
| LANS | 189.6 | 65 | Sn | 4:07:24.48 | 2.19 |
| PSZ | 212.8 | 105 | Sn | 4:07:26.55 | -0.89 |
| MOA | 222.9 | 253 | Pn | 4:07:04.88 | 1.77 |
| NIE | 257.9 | 65 | Sn | 4:07:38.29 | 0.83 |
| MORH | 270.6 | 155 | Pn | 4:07:08.58 | -0.48 |
| PKSM | 270.9 | 155 | Pn | 4:07:08.83 | -0.27 |

Földrengés paraméterek

Hypocenter Parameters

1498.

2021-10-06 time: 7:21:51.08 UTC ML= 1.3
 lat: 47.099N lon: 18.041E h= 0.0 km
 erh= 1.8km erz= 4.0km
 nr= 11 gap= 98 rms=0.54
 Locality: Királyszentistván
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKST | 17.8 | 358 | Pg | 7:21:54.46 | 0.20 |
| | | | Sg | 21:56.55 | -0.19 |
| TIH | 24.8 | 207 | Pg | 7:21:56.28 | 0.76 |
| CSKK | 33.8 | 30 | Pg | 7:21:57.73 | 0.62 |
| | | | Sg | 22:01.49 | -0.32 |
| MPLH | 38.8 | 282 | Pg | 7:21:57.78 | -0.24 |
| | | | Sg | 22:02.90 | -0.53 |
| MORH | 108.5 | 155 | Sg | 7:22:24.54 | -1.03 |
| PKSM | 108.8 | 155 | Sg | 7:22:25.35 | -0.32 |
| VYHS | 166.2 | 21 | Sn | 7:22:40.21 | -0.27 |
| PSZ | 166.7 | 57 | Sn | 7:22:37.89 | -2.72* |

1499.

2021-10-06 time: 8:19:17.60 UTC ML= 1.1
 lat: 47.337N lon: 17.619E h= 0.0 km
 erh= 0.9km erz= 0.7km
 nr= 7 gap=197 rms=0.65
 Locality: Béb
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 19.5 | 198 | Pg | 8:19:21.43 | 0.35 |
| | | | Sg | 19:23.97 | 0.18 |
| PKST | 32.6 | 105 | Pg | 8:19:23.87 | 0.45 |
| | | | Sg | 19:28.23 | 0.27 |
| KOVH | 143.6 | 165 | Sn | 8:20:00.27 | -1.71 |
| MORH | 147.2 | 148 | Sn | 8:20:01.68 | -1.10 |
| VYHS | 157.6 | 35 | Sn | 8:20:04.49 | -0.61 |

1500.

2021-10-06 time: 16:42:46.37 UTC ML= 1.6
 lat: 48.691N lon: 18.625E h= 14.7 km
 erh= 2.6km erz= 1.5km
 nr= 8 gap=133 rms=0.36
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 26.9 | 145 | Pg | 16:42:51.89 | 0.04 |
| | | | Sg | 42:55.86 | -0.26 |
| A337 | 79.3 | 231 | Pg | 16:43:00.78 | 0.01 |
| PENC | 111.4 | 154 | Sn | 16:43:19.73 | -0.53 |
| PSZ | 127.5 | 132 | Sn | 16:43:24.70 | 0.87 |
| KECS | 139.2 | 100 | Sn | 16:43:26.04 | -0.39 |
| MORC | 144.2 | 327 | Pn | 16:43:09.92 | 0.42 |
| | | | Sn | 43:27.24 | -0.30 |

1501.

2021-10-07 time: 3:38:18.29 UTC ML= 0.9
 lat: 48.833N lon: 20.341E h= 0.4 km
 erh= 0.5km erz=77.2km
 nr= 5 gap=166 rms=0.47
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 40.3 | 165 | Pg | 3:38:25.67 | 0.18 |
| | | | Sg | 38:30.24 | -0.86 |
| NIE | 65.2 | 358 | Sg | 3:38:38.88 | -0.15 |
| LANS | 73.0 | 299 | Pg | 3:38:31.85 | 0.52 |

Sg 38:41.01 -0.50

1502.

2021-10-07 time: 6:57:60.00 UTC ML= 1.5
 lat: 48.029N lon: 20.075E h= 0.0 km
 erh= 1.2km erz= 1.9km
 nr= 7 gap=196 rms=0.23
 Locality: Erdőkövesd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 18.3 | 228 | Pg | 6:58:03.21 | -0.05 |
| | | | Sg | 58:05.82 | 0.02 |
| KECS | 59.0 | 31 | Sg | 6:58:18.92 | 0.17 |
| PENC | 65.0 | 246 | Sg | 6:58:21.13 | 0.48 |
| VYHS | 105.5 | 299 | Pg | 6:58:18.82 | -0.02 |
| | | | Sg | 58:33.38 | -0.16 |
| PKSG | 144.9 | 241 | Sn | 6:58:44.03 | -0.65 |

1503.

2021-10-07 time: 7:12:52.41 UTC ML= 1.7
 lat: 48.105N lon: 21.324E h= 0.0 km
 erh= 2.7km erz= 563km
 nr= 5 gap=171 rms=0.26
 Locality: Tarcál
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 75.1 | 304 | Sg | 7:13:16.07 | -0.21 |
| TRPA | 90.5 | 88 | Sg | 7:13:21.10 | -0.08 |
| PSZ | 108.7 | 259 | Sg | 7:13:26.82 | -0.13 |
| KOLS | 115.7 | 37 | Pg | 7:13:13.46 | 0.38 |
| | | | Sg | 13:28.93 | -0.27 |

1504.

2021-10-07 time: 9:06:10.74 UTC ML= 0.7
 lat: 47.169N lon: 18.281E h= 0.0 km
 erh= 2.4km erz= 653km
 nr= 7 gap=147 rms=0.43
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 21.2 | 298 | Pg | 9:06:14.76 | 0.24 |
| | | | Sg | 06:16.97 | -0.50 |
| CSKK | 21.7 | 356 | Pg | 9:06:15.01 | 0.40 |
| PKSG | 26.2 | 19 | Pg | 9:06:15.26 | -0.15 |
| | | | Sg | 06:18.77 | -0.29 |
| MORH | 109.5 | 165 | Sg | 9:06:44.46 | -1.09 |
| PKSM | 109.9 | 165 | Sg | 9:06:46.16 | 0.49 |

1505.

2021-10-07 time: 10:24:59.79 UTC ML= 1.8
 lat: 48.832N lon: 21.613E h= 0.0 km
 erh= 1.5km erz= 2.8km
 nr= 12 gap= 93 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOLS | 49.7 | 77 | Pg | 10:25:09.29 | 0.62 |
| | | | Sg | 25:15.76 | 0.17 |
| STHS | 70.4 | 337 | Sg | 10:25:21.23 | -0.93 |
| KECS | 91.7 | 245 | Pg | 10:25:16.86 | 0.70 |
| | | | Sg | 25:28.46 | -0.47 |
| TRPA | 103.8 | 139 | Pg | 10:25:17.81 | -0.52 |
| | | | Sg | 25:32.83 | 0.04 |
| NIE | 115.2 | 305 | Pg | 10:25:20.22 | -0.13 |
| | | | Sg | 25:36.70 | 0.31 |
| KWP | 119.4 | 42 | Sg | 10:25:37.19 | -0.56 |

Hypocenter Parameters

Földrengés paraméterek

LANS 160.9 283 Sn 10:25:47.64 -0.39
 PSZ 162.9 231 Sn 10:25:48.84 0.38

Sn 29:55.93 0.10

1506.

2021-10-08 time: 6:25:38.71 UTC ML= 1.4
 lat: 47.333N lon: 18.457E h= 0.0 km
 erh= 1.4km erz= 2.1km
 nr= 13 gap=107 rms=0.62
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.3 | 323 | PgU | 6:25:40.72 | 0.54 |
| | | | Sg | 25:41.20 | -0.13 |
| CSKK | 15.2 | 283 | PgU | 6:25:41.93 | 0.50 |
| | | | Sg | 25:43.81 | 0.26 |
| PKST | 33.0 | 256 | Pg | 6:25:45.04 | 0.44 |
| | | | Sg | 25:48.35 | -0.85 |
| PKB5 | 84.7 | 166 | Sg | 6:26:05.75 | 0.11 |
| MORH | 125.0 | 173 | Sg | 6:26:18.30 | -0.14 |
| PKSM | 125.4 | 174 | Sg | 6:26:18.30 | -0.27 |
| PSZ | 126.2 | 59 | Sg | 6:26:18.71 | -0.10 |
| VYHS | 132.2 | 12 | Sn | 6:26:18.81 | -1.76 |
| KOVH | 141.0 | 191 | Sn | 6:26:22.22 | -0.30 |
| MODS | 145.6 | 323 | Sn | 6:26:21.62 | -1.92 |

1507.

2021-10-08 time: 9:10:01.94 UTC ML= 1.4
 lat: 46.173N lon: 18.289E h= 0.0 km
 erh= 0.9km erz= 159km
 nr= 8 gap=203 rms=0.11
 Locality: Zobákpuszta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.4 | 237 | PgU | 9:10:05.01 | -0.04 |
| | | | Sg | 10:07.57 | 0.10 |
| PKSM | 27.5 | 81 | Pg | 9:10:06.76 | -0.10 |
| | | | Sg | 10:10.63 | -0.06 |
| MORH | 27.8 | 80 | Pg | 9:10:06.92 | 0.01 |
| | | | Sg | 10:11.08 | 0.30 |
| PKSV | 31.8 | 185 | Pg | 9:10:07.72 | 0.10 |
| | | | Sg | 10:11.84 | -0.20 |

1508.

2021-10-08 time: 9:29:03.34 UTC ML= 2.0
 lat: 48.239N lon: 21.236E h= 0.0 km
 erh= 1.9km erz= 2.0km
 nr= 20 gap= 98 rms=0.64
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 61.9 | 296 | Pg | 9:29:14.46 | 0.07 |
| | | | Sg | 29:22.29 | -0.72 |
| HOLU | 90.8 | 69 | Pg | 9:29:19.68 | 0.12 |
| TRPA | 97.6 | 97 | Pg | 9:29:20.48 | -0.30 |
| | | | Sg | 29:33.44 | -0.93 |
| PSZ | 106.2 | 250 | Pg | 9:29:22.19 | -0.11 |
| | | | Sg | 29:36.35 | -0.74 |
| LTVH | 107.3 | 152 | Sg | 9:29:37.13 | -0.31 |
| KOLS | 108.6 | 45 | Pg | 9:29:23.09 | 0.35 |
| | | | Sg | 29:36.33 | -1.54 |
| STHS | 130.9 | 0 | Pn | 9:29:26.71 | 0.01 |
| | | | Sn | 29:44.08 | -0.84 |
| NIE | 147.6 | 333 | Pn | 9:29:29.32 | 0.54 |
| | | | Sn | 29:47.58 | -1.05 |
| LANS | 165.0 | 308 | Pn | 9:29:31.73 | 0.78 |
| | | | Sn | 29:51.61 | -0.87 |
| MEZ | 171.5 | 80 | Pn | 9:29:32.23 | 0.47 |
| | | | Sn | 29:54.22 | 0.30 |
| VYHS | 180.1 | 279 | Pn | 9:29:34.34 | 1.51 |

1509.

2021-10-08 time: 10:00:23.02 UTC ML= 1.6
 lat: 48.174N lon: 16.878E h= 0.0 km
 erh= 0.7km erz= 194km
 nr= 7 gap=138 rms=0.13
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 16.9 | 82 | Pg | 10:00:26.01 | -0.02 |
| | | | Sg | 00:28.42 | 0.04 |
| MODS | 37.0 | 53 | Pg | 10:00:29.77 | 0.14 |
| | | | Sg | 00:34.19 | -0.60 |
| RONA | 68.3 | 220 | Pg | 10:00:35.20 | -0.02 |
| | | | Sg | 00:44.69 | -0.05 |
| KRUC | 105.0 | 340 | Sg | 10:00:56.38 | 0.00 |

1510.

2021-10-08 time: 11:52:42.33 UTC ML= 1.5
 lat: 47.962N lon: 20.129E h= 0.0 km
 erh= 3.0km erz= 2.7km
 nr= 10 gap=128 rms=0.80
 Locality: Szajla
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 18.2 | 254 | Pg | 11:52:46.71 | 1.13 |
| | | | Sg | 52:49.32 | 1.21 |
| KECS | 63.7 | 25 | Sg | 11:53:02.89 | 0.31 |
| PENC | 66.2 | 253 | Sg | 11:53:03.28 | -0.09 |
| VYHS | 112.8 | 302 | Pg | 11:53:02.48 | 0.01 |
| | | | Sg | 53:16.64 | -1.54 |
| LANS | 140.8 | 340 | Sn | 11:53:25.57 | -0.55 |
| PKSG | 145.1 | 244 | Sn | 11:53:26.88 | -0.18 |
| LTVH | 147.7 | 116 | Sn | 11:53:26.58 | -1.07 |
| CSKK | 155.3 | 245 | Sn | 11:53:28.89 | -0.44 |

1511.

2021-10-10 time: 23:11:53.37 UTC ML= 1.6
 lat: 45.599N lon: 19.454E h= 8.1 km
 erh= 3.8km erz= 2.5km
 nr= 16 gap=147 rms=0.82
 Locality: Serbia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| FRGS | 58.6 | 152 | Sg | 23:12:11.13 | -1.06 |
| PKSM | 92.8 | 317 | Pg | 23:12:10.38 | 0.37 |
| | | | Sg | 12:21.93 | -1.05 |
| MORH | 93.0 | 317 | Pg | 23:12:09.94 | -0.10 |
| | | | Sg | 12:22.13 | -0.91 |
| PKB3 | 93.8 | 348 | Pg | 23:12:11.04 | 0.85 |
| | | | Sg | 12:21.58 | -1.72 |
| PKSV | 98.9 | 289 | Pg | 23:12:12.04 | 0.94 |
| | | | Sg | 12:24.40 | -0.52 |
| PKS6 | 111.5 | 4 | Pn | 23:12:13.56 | 0.28 |
| | | | Sn | 12:27.05 | -1.76 |
| KOVH | 118.4 | 297 | Sn | 23:12:29.51 | -0.84 |
| PKB4 | 119.5 | 327 | Pn | 23:12:15.15 | 0.88 |
| | | | Sn | 12:30.46 | -0.12 |
| PKB5 | 123.8 | 333 | Sn | 23:12:31.72 | 0.17 |
| PKB1 | 141.3 | 339 | Sn | 23:12:36.23 | 0.81 |

Földrengés paraméterek

Hypocenter Parameters

1512.

 2021-10-11 time: 8:11:08.39 UTC ML= 1.8
 lat: 47.716N lon: 18.717E h= 0.0 km
 erh= 2.5km erz= 3.8km
 nr= 15 gap=106 rms=0.99
 Locality: Csolnok
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SRO | 32.1 | 290 | Pg | 8:11:14.97 | 0.84 |
| | | | Sg | 11:18.48 | -0.12 |
| PKSG | 43.7 | 214 | Sg | 8:11:22.75 | 0.48 |
| CSKK | 52.2 | 221 | Pg | 8:11:18.83 | 1.12 |
| | | | Sg | 11:24.96 | -0.02 |
| PKST | 72.3 | 225 | Pg | 8:11:22.05 | 0.74 |
| | | | Sg | 11:31.13 | -0.26 |
| VYHS | 86.9 | 6 | Sg | 8:11:15.07 | -0.94 |
| PSZ | 91.0 | 76 | Sg | 8:11:37.06 | -0.25 |
| MPLH | 107.6 | 236 | Pg | 8:11:28.52 | 0.91 |
| | | | Sg | 11:41.58 | -1.01 |
| EGYH | 109.4 | 252 | Sg | 8:11:42.48 | -0.69 |
| MODS | 129.9 | 304 | Sg | 8:11:46.90 | -2.77 |
| MORH | 166.9 | 182 | Sn | 8:11:56.49 | -1.47 |
| PKSM | 167.4 | 182 | Sn | 8:11:56.39 | -1.67 |

1513.

 2021-10-11 time: 8:17:00.66 UTC ML= 1.7
 lat: 48.558N lon: 19.294E h= 0.0 km
 erh= 1.9km erz= 735km
 nr= 9 gap=113 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 34.6 | 258 | Sg | 8:17:11.84 | 0.20 |
| LANS | 67.1 | 11 | Sg | 8:17:22.58 | 0.59 |
| PSZ | 84.0 | 148 | Pg | 8:17:15.96 | 0.31 |
| | | | Sg | 17:27.61 | 0.26 |
| PENC | 85.4 | 181 | Sg | 8:17:27.71 | -0.08 |
| KECS | 88.4 | 95 | Pg | 8:17:16.76 | 0.31 |
| | | | Sg | 17:27.81 | -0.96 |
| A337 | 116.7 | 253 | Sg | 8:17:36.34 | -1.41 |
| NIE | 121.4 | 38 | Sg | 8:17:38.66 | -0.57 |

1514.

 2021-10-11 time: 8:29:14.15 UTC ML= 1.8
 lat: 48.540N lon: 17.473E h= 0.0 km
 erh= 2.2km erz= 253km
 nr= 6 gap=272 rms=0.16
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SMOL | 4.3 | 229 | Pg | 8:29:15.05 | 0.12 |
| | | | Sg | 29:15.60 | 0.06 |
| MODS | 23.4 | 218 | Pg | 8:29:18.31 | -0.03 |
| | | | Sg | 29:21.03 | -0.58 |
| KRUC | 98.2 | 306 | Pg | 8:29:31.77 | 0.08 |
| | | | Sg | 29:45.23 | -0.14 |

1515.

 2021-10-11 time: 11:24:54.61 UTC ML= 1.5
 lat: 48.361N lon: 19.857E h= 0.0 km
 erh= 2.0km erz= 680km
 nr= 10 gap=103 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| KECS | 48.5 | 74 | Pg | 11:25:03.52 | 0.25 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PSZ | 49.3 | 177 | Pg | 11:25:03.31 | -0.11 |
| | | | Sg | 25:09.74 | -0.56 |
| PENC | 76.6 | 214 | Pg | 11:25:09.17 | 0.88 |
| | | | Sg | 25:18.26 | -0.69 |
| VYHS | 76.9 | 281 | Pg | 11:25:08.64 | 0.29 |
| | | | Sg | 25:18.38 | -0.69 |
| LANS | 92.3 | 342 | Sg | 11:25:23.63 | -0.32 |
| NIE | 122.3 | 16 | Pg | 11:25:16.48 | 0.03 |
| | | | Sg | 25:31.06 | -2.42 |

1516.

 2021-10-11 time: 11:53:55.35 UTC ML= 1.7
 lat: 46.279N lon: 22.980E h= 0.0 km
 erh= 5.4km erz= ***km
 nr= 8 gap=209 rms=0.90
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 60.5 | 340 | Pg | 11:54:06.05 | -0.11 |
| | | | Sg | 54:12.67 | -1.92 |
| GZR | 99.8 | 189 | Pg | 11:54:13.78 | 0.62 |
| | | | Sg | 54:24.42 | -2.64 |
| SIRR | 101.8 | 269 | Pg | 11:54:14.08 | 0.56 |
| | | | Sg | 54:28.04 | 0.34 |
| BZS | 128.8 | 235 | Pg | 11:54:18.50 | 0.14 |
| | | | Sg | 54:36.87 | 0.57 |

1517.

 2021-10-12 time: 7:56:57.84 UTC ML= 1.6
 lat: 48.600N lon: 17.485E h= 0.0 km
 erh= 1.2km erz= 1.7km
 nr= 9 gap=154 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 10.5 | 203 | PgU | 7:56:59.79 | 0.08 |
| | | | Sg | 57:00.75 | -0.42 |
| MODS | 29.5 | 211 | Pg | 7:57:03.53 | 0.42 |
| | | | Sg | 57:07.58 | 0.36 |
| KRUC | 95.0 | 303 | Pg | 7:57:15.01 | 0.21 |
| | | | Sg | 57:27.66 | -0.38 |
| VYHS | 100.5 | 97 | Sg | 7:57:29.67 | -0.11 |
| RONA | 133.6 | 221 | Pn | 7:57:21.19 | -0.34 |
| | | | Sn | 57:39.66 | -0.35 |

1518.

 2021-10-12 time: 8:12:47.18 UTC ML= 1.7
 lat: 48.822N lon: 16.045E h= 0.0 km
 erh= 8.2km erz= 7.4km
 nr= 8 gap=211 rms=0.76
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 37.0 | 44 | PgU | 8:12:53.81 | 0.03 |
| | | | Sg | 12:58.01 | -0.92 |
| CONA | 100.3 | 188 | Pg | 8:13:06.04 | 0.95 |
| | | | Sg | 13:18.10 | -0.96 |
| MODS | 103.7 | 119 | Pg | 8:13:06.22 | 0.53 |
| RONA | 126.2 | 172 | Pg | 8:13:09.66 | -0.05 |
| | | | Sg | 13:25.32 | -1.97 |
| ARSA | 179.1 | 193 | Sn | 8:13:39.53 | 0.10 |

Hypocenter Parameters

Földrengés paraméterek

1519.

2021-10-12 time: 8:50:39.01 UTC ML= 1.8
 lat: 47.340N lon: 18.428E h= 0.0 km
 erh= 1.1km erz= 1.8km
 nr= 14 gap=113 rms=0.47
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 6.4 | 334 | PgU | 8:50:40.35 | | | 0.19 |
| | | | Sg | | 50:40.70 | | -0.35 |
| CSKK | 12.9 | 281 | PgU | 8:50:41.67 | | | 0.35 |
| | | | Sg | | 50:43.46 | | 0.34 |
| PKST | 31.1 | 253 | Pg | 8:50:44.84 | | | 0.27 |
| | | | Sg | | 50:48.25 | | -0.66 |
| MORH | 126.1 | 172 | Sg | 8:51:18.78 | | | -0.30 |
| PKSM | 126.5 | 173 | Sg | 8:51:18.83 | | | -0.38 |
| PSZ | 127.6 | 60 | Pg | 8:51:02.26 | | | 0.47 |
| | | | Sg | | 51:19.64 | | 0.08 |
| VYHS | 131.9 | 13 | Pn | 8:51:02.46 | | | -0.03 |
| | | | Sn | | 51:19.18 | | -1.62 |
| KOVH | 141.4 | 190 | Sn | 8:51:22.80 | | | -0.11 |
| MODS | 143.6 | 323 | Sn | 8:51:20.99 | | | -2.42 |

1520.

2021-10-12 time: 9:42:29.29 UTC ML= 2.2
 lat: 47.335N lon: 18.450E h= 0.0 km
 erh= 1.3km erz= 2.1km
 nr= 14 gap=114 rms=0.54
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.8 | 325 | PgU | 9:42:30.91 | | | 0.24 |
| | | | Sg | | 42:31.60 | | -0.15 |
| CSKK | 14.6 | 282 | Pg | 9:42:32.25 | | | 0.35 |
| | | | Sg | | 42:34.01 | | 0.06 |
| PKST | 32.5 | 255 | Pg | 9:42:35.52 | | | 0.42 |
| | | | Sg | | 42:39.53 | | -0.10 |
| MORH | 125.3 | 173 | Sg | 9:43:08.61 | | | -0.50 |
| PKSM | 125.7 | 173 | Sg | 9:43:08.61 | | | -0.63 |
| PSZ | 126.5 | 59 | Pg | 9:42:52.54 | | | 0.66 |
| | | | Sg | | 43:09.11 | | -0.38 |
| VYHS | 132.1 | 13 | Pn | 9:42:52.54 | | | -0.25 |
| | | | Sn | | 43:09.31 | | -1.81 |
| KOVH | 141.1 | 191 | Sn | 9:43:13.23 | | | 0.10 |
| MODS | 145.1 | 323 | Sn | 9:43:11.42 | | | -2.58 |

1521.

2021-10-12 time: 9:48:10.35 UTC ML= 2.2
 lat: 48.903N lon: 20.530E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 19 gap= 58 rms=0.88
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 46.8 | 184 | Pg | 9:48:18.71 | | | 0.01 |
| | | | Sg | | 48:24.74 | | -0.48 |
| NIE | 59.5 | 345 | Pg | 9:48:21.29 | | | 0.30 |
| | | | Sg | | 48:28.75 | | -0.53 |
| STHS | 77.3 | 42 | Pg | 9:48:24.23 | | | 0.07 |
| | | | Sg | | 48:33.64 | | -1.28 |
| LANS | 82.4 | 290 | Pg | 9:48:25.05 | | | -0.02 |
| | | | Sg | | 48:35.18 | | -1.38 |
| ABAH | 85.4 | 142 | Pg | 9:48:25.35 | | | -0.25 |
| | | | Sg | | 48:37.25 | | -0.24 |
| PSZ | 119.1 | 203 | Pg | 9:48:32.27 | | | 0.64 |
| | | | Sg | | 48:46.54 | | -1.68 |
| KOLS | 127.8 | 88 | Pg | 9:48:34.04 | | | 0.87 |
| | | | Sg | | 48:48.85 | | -2.12 |
| VYHS | 132.7 | 250 | Pn | 9:48:34.98 | | | 1.04 |

| | | | | | | | |
|------|-------|-----|----|------------|--|--|-------|
| | | | Sn | 48:49.24 | | | -3.09 |
| PENC | 154.5 | 217 | Sn | 9:48:56.89 | | | -0.27 |
| OJC | 155.7 | 340 | Pn | 9:48:38.18 | | | 1.38 |
| | | | Sn | 48:57.66 | | | 0.22 |

1522.

2021-10-12 time: 10:00:24.39 UTC ML= 1.8
 lat: 48.118N lon: 16.941E h= 0.0 km
 erh= 2.8km erz= 6.3km
 nr= 8 gap=146 rms=0.70
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| MODS | 37.8 | 41 | Pg | 10:00:31.43 | | | 0.28 |
| | | | Sg | | 00:36.05 | | -0.37 |
| RONA | 67.0 | 226 | Pg | 10:00:37.05 | | | 0.70 |
| | | | Sg | | 00:45.18 | | -0.50 |
| CONA | 83.3 | 255 | Pg | 10:00:39.86 | | | 0.60 |
| | | | Sg | | 00:50.10 | | -0.75 |
| PKST | 125.9 | 139 | Sg | 10:01:03.56 | | | -0.85 |
| ARSA | 143.7 | 228 | Sn | 10:01:06.77 | | | -2.02 |

1523.

2021-10-13 time: 1:02:12.61 UTC ML= 2.2
 lat: 48.779N lon: 19.495E h= 0.7 km
 erh= 1.3km erz= 1.5km
 nr= 35 gap= 52 rms=0.71
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|--------|
| LANS | 41.4 | 357 | PgU | 1:02:19.77 | | | -0.22 |
| | | | Sg | | 02:24.74 | | -1.02 |
| VYHS | 58.0 | 237 | Pg | 1:02:22.92 | | | -0.04 |
| | | | Sg | | 02:30.26 | | -0.78 |
| KECS | 80.1 | 114 | Pg | 1:02:27.14 | | | 0.23 |
| | | | Sg | | 02:37.10 | | -0.97 |
| NIE | 92.9 | 40 | Pg | 1:02:28.57 | | | -0.63 |
| | | | Sg | | 02:40.41 | | -1.74 |
| PSZ | 100.2 | 163 | PgU | 1:02:31.29 | | | 0.79 |
| | | | Sg | | 02:43.73 | | -0.72 |
| PENC | 111.1 | 188 | Pg | 1:02:32.83 | | | 0.39 |
| | | | Sg | | 02:46.86 | | -1.05 |
| A338 | 119.9 | 225 | Pg | 1:02:34.08 | | | 0.06 |
| | | | Sg | | 02:49.45 | | -1.26 |
| SRO | 138.6 | 219 | Pn | 1:02:37.54 | | | 0.71 |
| | | | Sn | | 02:54.78 | | -0.95 |
| ABAH | 139.6 | 113 | Pn | 1:02:37.42 | | | 0.47 |
| | | | Sn | | 02:54.85 | | -1.09 |
| STHS | 146.1 | 61 | Pn | 1:02:38.36 | | | 0.60 |
| | | | Sn | | 02:57.54 | | 0.15 |
| OKC | 153.2 | 320 | ePn | 1:02:38.40 | | | -0.25 |
| | | | eSn | | 02:55.70 | | -3.26* |
| SMOL | 155.1 | 259 | Pn | 1:02:38.94 | | | 0.05 |
| | | | Sn | | 02:59.30 | | -0.08 |
| OJC | 161.7 | 8 | Pn | 1:02:40.94 | | | 1.23 |
| | | | Sn | | 03:00.02 | | -0.83 |
| MODS | 169.7 | 255 | Pn | 1:02:40.40 | | | -0.31 |
| | | | Sn | | 03:02.61 | | -0.02 |
| BSZH | 174.3 | 161 | Pn | 1:02:41.85 | | | 0.57 |
| | | | Sn | | 03:05.30 | | 1.66 |
| PKSG | 174.8 | 208 | Pn | 1:02:42.19 | | | 0.84 |
| MORC | 180.3 | 308 | Pn | 1:02:42.95 | | | 0.92 |
| | | | Sn | | 03:04.95 | | -0.02 |
| TIH | 240.9 | 210 | Pn | 1:02:49.87 | | | 0.28 |
| KRLC | 244.0 | 306 | Pn | 1:02:50.98 | | | 1.01 |
| | | | Sn | | 03:18.18 | | -0.93 |
| DPC | 288.5 | 307 | ePn | 1:02:58.70 | | | 3.18* |

Földrengés paraméterek

Hypocenter Parameters

1524.

2021-10-13 time: 6:08:56.96 UTC ML= 1.1
 lat: 47.302N lon: 18.330E h= 0.0 km
 erh= 1.4km erz= 6.0km
 nr= 10 gap=144 rms=0.41
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 8.6 | 322 | Pg | 6:08:58.67 | 0.18 |
| | | | Sg | 08:59.10 | -0.59 |
| PKSG | 11.0 | 25 | PgU | 6:08:58.95 | 0.03 |
| | | | Sg | 09:00.58 | 0.13 |
| PKST | 22.9 | 258 | Pg | 6:09:01.31 | 0.27 |
| | | | Sg | 09:04.12 | -0.10 |
| MORH | 123.1 | 169 | Sg | 6:09:35.30 | -0.79 |
| PKSM | 123.5 | 169 | Pg | 6:09:19.53 | 0.52 |
| | | | Sg | 09:35.80 | -0.41 |
| VYHS | 137.8 | 16 | Sn | 6:09:38.36 | -1.71 |

1525.

2021-10-13 time: 7:03:26.57 UTC ML= 1.3
 lat: 47.946N lon: 16.594E h= 0.0 km
 erh= 3.2km erz= 7.2km
 nr= 11 gap= 85 rms=1.02
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SOP | 29.4 | 185 | Sg | 7:03:35.63 | -0.27 |
| RONA | 35.3 | 219 | Pg | 7:03:33.72 | 0.84 |
| | | | Sg | 03:38.14 | 0.34 |
| CONA | 54.8 | 268 | Pg | 7:03:37.03 | 0.68 |
| | | | Sg | 03:43.76 | -0.21 |
| MODS | 69.6 | 47 | Pg | 7:03:39.94 | 0.95 |
| | | | Sg | 03:48.98 | 0.30 |
| ARSA | 111.7 | 226 | Sg | 7:03:59.83 | -2.23 |
| MPLH | 111.8 | 140 | Sg | 7:04:01.03 | -1.09 |
| KRUC | 124.9 | 353 | Sg | 7:04:03.94 | -2.33 |
| PKST | 132.6 | 125 | Sn | 7:04:07.36 | -1.15 |

1526.

2021-10-13 time: 9:12:31.76 UTC ML= 2.2
 lat: 46.890N lon: 17.314E h= 0.0 km
 erh= 1.4km erz= 2.0km
 nr= 20 gap= 76 rms=0.68
 Locality: Várkölyg
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 35.6 | 29 | Pg | 9:12:38.07 | -0.04 |
| | | | Sg | 12:42.15 | -0.91 |
| TIH | 44.1 | 89 | Sg | 9:12:46.00 | 0.21 |
| EGYH | 58.6 | 1 | Sg | 9:12:51.17 | 0.78 |
| PKST | 68.4 | 53 | Pg | 9:12:44.15 | 0.18 |
| | | | Sg | 12:53.79 | 0.30 |
| PKS9 | 81.1 | 115 | Sg | 9:12:58.41 | 0.88 |
| CSKK | 89.0 | 54 | Pg | 9:12:48.21 | 0.56 |
| KOGS | 95.1 | 239 | Pg | 9:12:49.31 | 0.58 |
| PKSG | 98.9 | 56 | Pg | 9:12:49.87 | 0.45 |
| | | | Sg | 13:02.67 | -0.53 |
| KOVH | 107.6 | 146 | Pg | 9:12:51.47 | 0.50 |
| | | | Sg | 13:05.03 | -0.93 |
| PKB5 | 113.5 | 107 | Sg | 9:13:06.38 | -1.45 |
| PKSM | 126.7 | 127 | Sg | 9:13:11.44 | -0.58 |
| PKSV | 132.7 | 147 | Sn | 9:13:12.14 | -1.58 |
| ARSA | 141.8 | 286 | Sn | 9:13:14.86 | -0.89 |
| PTJ | 151.6 | 223 | Sn | 9:13:17.67 | -0.26 |
| MODS | 165.0 | 359 | Sn | 9:13:19.37 | -1.52 |
| VYHS | 211.8 | 33 | Sn | 9:13:30.92 | -0.37 |

1527.

2021-10-13 time: 9:32:30.29 UTC ML= 0.5
 lat: 47.210N lon: 18.291E h= 0.0 km
 erh= 1.0km erz= 4.3km
 nr= 7 gap=119 rms=0.41
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 17.2 | 352 | Sg | 9:32:35.46 | -0.30 |
| PKST | 20.2 | 286 | Pg | 9:32:33.93 | 0.03 |
| | | | Sg | 32:36.67 | -0.04 |
| PKSG | 21.6 | 20 | Pg | 9:32:34.48 | 0.34 |
| | | | Sg | 32:37.30 | 0.15 |
| MORH | 113.7 | 166 | Sg | 9:33:06.22 | -0.23 |
| PSZ | 144.1 | 57 | Sn | 9:33:11.94 | -2.85 |

1528.

2021-10-13 time: 9:35:11.07 UTC ML= 1.6
 lat: 48.482N lon: 17.479E h= 0.0 km
 erh= 2.0km erz= 3.3km
 nr= 10 gap=140 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MODS | 19.2 | 231 | Pg | 9:35:14.71 | 0.22 |
| | | | Sg | 35:17.52 | 0.35 |
| VYHS | 100.3 | 89 | Pg | 9:35:29.27 | 0.28 |
| | | | Sg | 35:42.57 | -0.39 |
| KRUC | 102.5 | 309 | Pg | 9:35:29.77 | 0.40 |
| | | | Sg | 35:42.92 | -0.73 |
| RONA | 123.8 | 225 | Pg | 9:35:33.28 | 0.10 |
| | | | Sg | 35:49.40 | -1.02 |
| CONA | 135.1 | 243 | Pn | 9:35:35.09 | 0.15 |
| | | | Sn | 35:52.06 | -1.51 |

1529.

2021-10-13 time: 11:24:59.20 UTC ML= 1.1
 lat: 47.924N lon: 16.115E h= 0.0 km
 erh= 2.1km erz= 565km
 nr= 6 gap=142 rms=0.34
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 19.0 | 271 | Pg | 11:25:02.46 | -0.13 |
| | | | Sg | 25:05.02 | -0.21 |
| RONA | 28.4 | 152 | PgU | 11:25:04.34 | 0.07 |
| | | | Sg | 25:08.03 | -0.20 |
| KRUC | 128.2 | 9 | Pg | 11:25:22.74 | 0.66 |
| | | | Sg | 25:39.41 | -0.53 |

1530.

2021-10-13 time: 13:05:18.18 UTC ML= 1.5
 lat: 46.914N lon: 22.875E h= 0.0 km
 erh= 5.7km erz= 2.6km
 nr= 5 gap=320 rms=0.33
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 18.4 | 223 | Pg | 13:05:21.61 | 0.14 |
| | | | Sg | 05:24.32 | 0.28 |
| GZR | 169.2 | 183 | Pn | 13:05:46.41 | 0.10 |
| | | | Sn | 06:07.70 | -0.55 |
| BZS | 173.8 | 214 | Sn | 13:06:08.51 | -0.76 |

Hypocenter Parameters

Földrengés paraméterek

1531.

2021-10-13 time: 13:06:38.55 UTC ML= 1.9
 lat: 47.082N lon: 19.429E h= 0.0 km
 erh= 3.9km erz= 777km
 nr= 11 gap=191 rms=0.63
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.7 | 259 | Pg | 13:06:41.90 | -0.35 |
| | | | Sg | 06:44.21 | -0.92 |
| PKB5 | 75.7 | 224 | Pg | 13:06:53.10 | 1.04 |
| | | | Sg | 07:03.09 | 0.49 |
| PENC | 79.6 | 352 | Pg | 13:06:53.40 | 0.64 |
| PSZ | 99.4 | 21 | Pg | 13:06:56.06 | -0.24 |
| | | | Sg | 07:09.52 | -0.63 |
| MORH | 113.5 | 212 | Pg | 13:06:59.07 | 0.26 |
| | | | Sg | 07:13.33 | -1.28 |
| PKSM | 114.0 | 212 | Pg | 13:06:58.97 | 0.07 |
| | | | Sg | 07:14.04 | -0.73 |

1532.

2021-10-13 time: 13:20:48.91 UTC ML= 1.8
 lat: 47.105N lon: 19.321E h= 0.0 km
 erh= 5.7km erz= 929km
 nr= 10 gap=182 rms=0.84
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 13.7 | 242 | Pg | 13:20:51.87 | 0.51 |
| | | | Sg | 20:53.45 | 0.18 |
| PKB5 | 72.1 | 218 | Pg | 13:21:03.17 | 1.38 |
| PENC | 76.3 | 358 | Pg | 13:21:03.40 | 0.87 |
| PSZ | 100.2 | 26 | Pg | 13:21:06.16 | -0.65 |
| | | | Sg | 21:20.02 | -0.75 |
| MORH | 111.6 | 208 | Pg | 13:21:08.72 | -0.11 |
| | | | Sg | 21:22.97 | -1.40 |
| PKSM | 112.1 | 208 | Pg | 13:21:08.65 | -0.27 |
| | | | Sg | 21:22.97 | -1.56 |

1533.

2021-10-14 time: 7:17:20.14 UTC ML= 1.6
 lat: 48.615N lon: 18.536E h= 0.0 km
 erh= 1.5km erz= 1.7km
 nr= 12 gap= 85 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 25.9 | 121 | Pg | 7:17:24.97 | 0.21 |
| | | | Sg | 17:28.47 | 0.10 |
| MODS | 96.9 | 254 | Sg | 7:17:50.39 | -0.54 |
| PENC | 107.1 | 149 | Sg | 7:17:53.50 | -0.69 |
| PSZ | 127.1 | 128 | Pg | 7:17:42.79 | -0.05 |
| | | | Sg | 17:58.50 | -2.05 |
| PKSG | 136.4 | 185 | Sn | 7:18:03.81 | 0.87 |
| CSKK | 140.7 | 188 | Sn | 7:18:04.21 | 0.32 |
| MORC | 148.1 | 331 | Pn | 7:17:45.69 | 0.05 |
| | | | Sn | 18:05.41 | -0.13 |
| NIE | 157.7 | 55 | Pn | 7:17:47.19 | 0.35 |
| | | | Sn | 18:07.21 | -0.46 |

1534.

2021-10-14 time: 7:54:43.36 UTC ML= 1.4
 lat: 47.332N lon: 18.451E h= 0.0 km
 erh= 0.9km erz= 1.9km
 nr= 10 gap=114 rms=0.27
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.1 | 326 | PgU | 7:54:44.87 | 0.07 |
| | | | Sg | 54:45.29 | -0.64 |
| CSKK | 14.8 | 284 | Pg | 7:54:46.29 | 0.29 |
| | | | Sg | 54:48.06 | -0.01 |
| PKST | 32.5 | 256 | Pg | 7:54:49.25 | 0.08 |
| | | | Sg | 54:53.42 | -0.28 |
| MORH | 124.9 | 173 | Sg | 7:55:23.05 | -0.02 |
| PKSM | 125.4 | 173 | Sg | 7:55:22.69 | -0.51 |
| PSZ | 126.6 | 59 | Sg | 7:55:23.60 | 0.00 |
| KOVH | 140.8 | 191 | Sn | 7:55:27.51 | 0.38 |

1535.

2021-10-14 time: 9:45:33.80 UTC ML= 1.1
 lat: 47.610N lon: 18.407E h= 0.0 km
 erh= 4.2km erz= 548km
 nr= 7 gap=165 rms=0.38
 Locality: Vértesszőlős
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 24.3 | 183 | Pg | 9:45:38.11 | -0.03 |
| | | | Sg | 45:40.95 | -0.57 |
| CSKK | 29.6 | 202 | Pg | 9:45:39.54 | 0.46 |
| | | | Sg | 45:42.82 | -0.39 |
| PKST | 48.1 | 216 | Pg | 9:45:42.79 | 0.40 |
| | | | Sg | 45:48.82 | -0.27 |
| VYHS | 103.4 | 18 | Sg | 9:46:06.21 | -0.44 |

1536.

2021-10-14 time: 9:50:52.02 UTC ML= 0.8
 lat: 47.195N lon: 18.304E h= 0.0 km
 erh= 1.4km erz=17.5km
 nr= 10 gap=110 rms=0.39
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| CSKK | 19.0 | 350 | Pg | 9:50:55.88 | 0.47 |
| | | | Sg | 50:57.79 | -0.26 |
| PKST | 21.6 | 289 | Pg | 9:50:56.18 | 0.30 |
| | | | Sg | 50:58.84 | -0.05 |
| PKSG | 22.9 | 17 | Pg | 9:50:56.28 | 0.18 |
| | | | Sg | 50:58.67 | -0.61 |
| MPLH | 58.0 | 267 | Sg | 9:51:09.89 | -0.57 |
| MORH | 111.9 | 167 | Sg | 9:51:27.24 | -0.35 |
| KOVH | 124.0 | 187 | Sg | 9:51:31.42 | -0.01 |
| PSZ | 144.2 | 56 | Sn | 9:51:32.62 | -3.93* |

1537.

2021-10-14 time: 13:17:35.55 UTC ML= 1.8
 lat: 48.949N lon: 21.215E h= 0.0 km
 erh= 2.1km erz= 3.9km
 nr= 13 gap=127 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 72.6 | 179 | Pg | 13:17:49.04 | 0.52 |
| | | | Sg | 17:59.39 | 0.75 |
| KECS | 74.6 | 226 | Pg | 13:17:48.20 | -0.67 |
| | | | Sg | 17:59.49 | 0.22 |
| KOLS | 77.5 | 91 | Pg | 13:17:49.00 | -0.39 |
| | | | Sg | 18:00.05 | -0.14 |
| NIE | 84.0 | 308 | Pg | 13:17:51.76 | 1.21 |
| | | | Sg | 18:01.70 | -0.55 |
| LANS | 129.7 | 280 | Pg | 13:17:57.99 | -0.72 |
| | | | Sg | 18:17.12 | 0.35 |
| PSZ | 150.6 | 220 | Pn | 13:18:01.10 | -0.26 |
| | | | Sn | 18:18.87 | -2.63 |
| OJC | 174.5 | 324 | Sn | 13:18:27.21 | 0.40 |

Földrengés paraméterek

Hypocenter Parameters

1538.

2021-10-15 time: 7:59:00.84 UTC ML= 1.3
 lat: 48.084N lon: 19.614E h= 0.0 km
 erh= 4.5km erz= 988km
 nr= 5 gap=183 rms=0.44
 Locality: Nógrádmegyer
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PSZ | 27.9 | 131 | Pg | 7:59:06.16 | | | 0.34 |
| | | | Sg | 59:08.81 | | | -0.89 |
| PENC | 41.0 | 217 | Pg | 7:59:08.51 | | | 0.35 |
| | | | Sg | 59:13.56 | | | -0.31 |
| VYHS | 73.6 | 308 | Sg | 7:59:23.89 | | | -0.34 |

1539.

2021-10-15 time: 8:04:34.70 UTC ML= 1.2
 lat: 46.132N lon: 18.050E h= 0.0 km
 erh= 2.4km erz= 433km
 nr= 10 gap=248 rms=0.34
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 6.2 | 141 | Pg | 8:04:35.49 | | | -0.32 |
| | | | Sg | 04:37.20 | | | 0.53 |
| PKSV | 31.2 | 150 | Pg | 8:04:40.34 | | | 0.06 |
| | | | Sg | 04:44.38 | | | -0.25 |
| PKSM | 46.5 | 79 | Pg | 8:04:42.92 | | | -0.09 |
| | | | Sg | 04:49.35 | | | -0.14 |
| MORH | 46.8 | 78 | Pg | 8:04:42.82 | | | -0.25 |
| | | | Sg | 04:49.65 | | | 0.06 |
| PKB5 | 73.7 | 46 | Pg | 8:04:48.68 | | | 0.81 |
| PKB1 | 92.3 | 38 | Sg | 8:05:03.87 | | | -0.16 |

1540.

2021-10-15 time: 8:16:35.83 UTC ML= 1.7
 lat: 47.866N lon: 19.132E h= 0.0 km
 erh= 2.0km erz= 389km
 nr= 7 gap=216 rms=0.26
 Locality: Nőtincs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PENC | 14.0 | 127 | Pg | 8:16:38.42 | | | 0.09 |
| | | | Sg | 16:40.12 | | | -0.16 |
| PSZ | 57.3 | 84 | Pg | 8:16:46.12 | | | 0.06 |
| | | | Sg | 16:53.70 | | | -0.34 |
| VYHS | 73.2 | 342 | Sg | 8:16:58.74 | | | -0.36 |
| KECS | 121.8 | 56 | Pg | 8:16:58.03 | | | 0.45 |
| | | | Sg | 17:14.32 | | | -0.23 |

1541.

2021-10-15 time: 9:04:43.65 UTC ML= 1.2
 lat: 45.840N lon: 18.417E h= 0.0 km
 erh= 1.0km erz= 150km
 nr= 8 gap=270 rms=0.11
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSV | 13.9 | 293 | Pg | 9:04:46.09 | | | -0.04 |
| | | | Sg | 04:48.10 | | | 0.03 |
| KOVH | 37.0 | 318 | Pg | 9:04:50.10 | | | -0.16 |
| | | | Sg | 04:55.49 | | | 0.08 |
| PKSM | 44.8 | 23 | Pg | 9:04:51.80 | | | 0.14 |
| | | | Sg | 04:57.75 | | | -0.16 |
| MORH | 45.3 | 23 | Pg | 9:04:51.85 | | | 0.10 |
| | | | Sg | 04:58.02 | | | -0.04 |

1542.

2021-10-15 time: 9:06:19.21 UTC ML= 1.3
 lat: 45.844N lon: 18.435E h= 0.0 km
 erh= 2.7km erz= 338km
 nr= 6 gap=268 rms=0.20
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSV | 15.1 | 289 | Pg | 9:06:21.96 | | | 0.06 |
| | | | Sg | 06:24.22 | | | 0.22 |
| KOVH | 37.6 | 316 | Pg | 9:06:25.77 | | | -0.15 |
| | | | Sg | 06:31.00 | | | -0.16 |
| PKSM | 43.9 | 21 | Sg | 9:06:32.95 | | | -0.20 |
| MORH | 44.4 | 21 | Sg | 9:06:33.71 | | | 0.40 |

1543.

2021-10-15 time: 9:12:22.99 UTC ML= 0.7
 lat: 47.208N lon: 18.284E h= 0.0 km
 erh= 0.4km erz= 0.8km
 nr= 10 gap=109 rms=0.21
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| CSKK | 17.4 | 354 | Pg | 9:12:26.16 | | | 0.07 |
| | | | Sg | 12:28.40 | | | -0.11 |
| PKST | 19.8 | 287 | Pg | 9:12:26.62 | | | 0.10 |
| | | | Sg | 12:29.01 | | | -0.26 |
| PKSG | 22.0 | 21 | Pg | 9:12:27.07 | | | 0.16 |
| | | | Sg | 12:30.18 | | | 0.20 |
| MPLH | 56.6 | 266 | Sg | 9:12:40.76 | | | -0.22 |
| MORH | 113.7 | 166 | Sg | 9:12:59.26 | | | 0.15 |
| PSZ | 144.7 | 57 | Sn | 9:13:07.10 | | | -0.51 |
| VYHS | 148.9 | 16 | Sn | 9:13:05.67 | | | -2.88* |

1544.

2021-10-15 time: 9:55:40.96 UTC ML= 1.8
 lat: 46.789N lon: 22.848E h= 0.0 km
 erh= 4.3km erz= 4.1km
 nr= 8 gap=220 rms=0.55
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DRGR | 10.5 | 271 | Pg | 9:55:42.56 | | | -0.27 |
| | | | Sg | 55:44.92 | | | 0.64 |
| SIRR | 108.1 | 238 | Sg | 9:56:13.28 | | | -2.03 |
| GZR | 155.3 | 182 | Pn | 9:56:07.61 | | | 0.25 |
| | | | Sn | 56:28.00 | | | 0.06 |
| BZS | 161.3 | 216 | Pn | 9:56:08.21 | | | 0.10 |
| | | | Sn | 56:29.40 | | | 0.11 |
| VOIR | 227.1 | 131 | Sn | 9:56:44.26 | | | 0.38 |

1545.

2021-10-15 time: 10:26:31.76 UTC ML= 0.9
 lat: 46.020N lon: 18.489E h= 0.0 km
 erh= 0.6km erz= 114km
 nr= 7 gap=203 rms=0.08
 Locality: Monyoród
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 23.4 | 232 | Pg | 10:26:35.89 | | | -0.06 |
| | | | Sg | 26:39.23 | | | 0.02 |
| PKSM | 24.4 | 29 | Pg | 10:26:36.20 | | | 0.08 |
| | | | Sg | 26:39.63 | | | 0.11 |
| MORH | 24.9 | 29 | Pg | 10:26:36.20 | | | -0.01 |
| | | | Sg | 26:39.48 | | | -0.20 |

Hypocenter Parameters

Földrengés paraméterek

KOVH 31.1 284 Sg 10:26:41.62 -0.02

1546.

2021-10-15 time: 11:58:17.51 UTC ML= 1.8
 lat: 48.815N lon: 21.608E h= 0.0 km
 erh= 1.7km erz= 4.1km
 nr= 11 gap= 97 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KOLS | 50.6 | 75 | Pg | 11:58:26.39 | | | -0.15 |
| | | | Sg | 58:34.47 | | | 0.89 |
| ABAH | 63.8 | 205 | Sg | 11:58:37.44 | | | -0.35 |
| STHS | 72.0 | 338 | Sg | 11:58:40.21 | | | -0.20 |
| KECS | 90.5 | 246 | Pg | 11:58:34.65 | | | 0.97 |
| | | | Sg | 58:45.44 | | | -0.85 |
| TRPA | 102.7 | 138 | Pg | 11:58:35.46 | | | -0.39 |
| | | | Sg | 58:49.87 | | | -0.27 |
| NIE | 115.9 | 305 | Pg | 11:58:38.43 | | | 0.21 |
| | | | Sg | 58:53.79 | | | -0.58 |
| PSZ | 161.4 | 232 | Sn | 11:59:06.26 | | | 0.40 |

1547.

2021-10-15 time: 15:53:38.57 UTC ML= 1.6
 lat: 48.893N lon: 21.806E h= 0.0 km
 erh= 2.3km erz= 840km
 nr= 10 gap=118 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KOLS | 34.5 | 83 | Pg | 15:53:44.78 | | | 0.05 |
| | | | Sg | 53:50.22 | | | 0.68 |
| STHS | 71.3 | 325 | Pg | 15:53:51.03 | | | -0.27 |
| | | | Sg | 54:01.51 | | | 0.29 |
| ABAH | 78.5 | 212 | Pg | 15:53:53.14 | | | 0.55 |
| | | | Sg | 54:04.43 | | | 0.92 |
| TRPA | 100.6 | 147 | Pg | 15:53:56.51 | | | -0.03 |
| | | | Sg | 54:09.76 | | | -0.79 |
| KECS | 107.4 | 245 | Sg | 15:54:09.21 | | | -3.50 |
| NIE | 123.6 | 298 | Sg | 15:54:16.72 | | | -1.15 |

1548.

2021-10-16 time: 8:41:25.46 UTC ML= 1.2
 lat: 46.176N lon: 18.279E h= 0.0 km
 erh= 0.9km erz= 159km
 nr= 8 gap=206 rms=0.11
 Locality: Zobákpuzsta
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 17.0 | 235 | Pg | 8:41:28.54 | | | 0.06 |
| | | | Sg | 41:30.89 | | | 0.04 |
| PKSM | 28.2 | 82 | Pg | 8:41:30.28 | | | -0.22 |
| | | | Sg | 41:34.67 | | | 0.24 |
| MORH | 28.5 | 81 | Pg | 8:41:30.58 | | | 0.03 |
| | | | Sg | 41:34.57 | | | 0.05 |
| PKSV | 32.0 | 184 | Pg | 8:41:31.19 | | | 0.01 |
| | | | Sg | 41:35.54 | | | -0.10 |

1549.

2021-10-16 time: 23:35:28.52 UTC ML= 1.2
 lat: 45.924N lon: 18.618E h= 12.2 km
 erh= 2.5km erz= 2.2km
 nr= 17 gap=218 rms=0.54
 Locality: Majjs
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSV | 28.6 | 262 | Pg | 23:35:33.95 | | | -0.13 |
| | | | Sg | 35:38.66 | | | 0.24 |
| PKSM | 32.0 | 3 | Pg | 23:35:33.98 | | | -0.66 |
| | | | Sg | 35:38.81 | | | -0.61 |
| MORH | 32.5 | 4 | PgU | 23:35:34.13 | | | -0.59 |
| | | | Sg | 35:38.86 | | | -0.69 |
| KOVH | 44.0 | 294 | Pg | 23:35:36.95 | | | 0.26 |
| | | | Sg | 35:43.12 | | | 0.07 |
| PKB4 | 63.6 | 359 | Pg | 23:35:40.03 | | | -0.06 |
| | | | Sg | 35:48.48 | | | -0.63 |
| PKB3 | 71.2 | 39 | Pg | 23:35:41.72 | | | 0.29 |
| | | | Sg | 35:51.79 | | | 0.30 |
| PKB5 | 75.1 | 7 | Sg | 23:35:54.17 | | | 1.46 |
| PKS2 | 78.1 | 36 | Pg | 23:35:43.23 | | | 0.60 |
| | | | Sg | 35:54.48 | | | 0.84 |
| PKB1 | 96.5 | 8 | S* | 23:35:59.59 | | | 0.30 |
| PKS6 | 104.7 | 44 | Sn | 23:36:00.88 | | | -0.62 |
| PKSG | 164.1 | 354 | Sn | 23:36:18.12 | | | 3.45* |

1550.

2021-10-17 time: 21:47:41.91 UTC ML= 1.3
 lat: 48.476N lon: 17.454E h= 7.2 km
 erh= 2.9km erz= 1.4km
 nr= 7 gap=249 rms=0.30
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| SMOL | 4.6 | 336 | Pg | 21:47:43.27 | | | -0.17 |
| | | | Sg | 47:44.43 | | | -0.20 |
| MODS | 17.3 | 229 | PgD | 21:47:45.18 | | | -0.08 |
| | | | Sg | 47:48.07 | | | 0.19 |
| KRUC | 101.5 | 310 | Sg | 21:48:14.35 | | | 0.08 |
| RONA | 122.0 | 225 | Pn | 21:48:03.79 | | | 0.54 |
| | | | Sn | 48:19.33 | | | -0.56 |

1551.

2021-10-17 time: 23:20:26.07 UTC ML= 2.3
 lat: 48.099N lon: 22.639E h= 8.8 km
 erh= 1.8km erz= 1.3km
 nr= 41 gap=104 rms=0.77
 Locality: Szatmárcseke
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| TRPA | 8.2 | 295 | PgD | 23:20:28.30 | | | 0.08 |
| | | | Sg | 20:29.89 | | | -0.01 |
| BMR | 79.8 | 126 | PgD | 23:20:40.05 | | | -0.36 |
| | | | Sg | 20:50.36 | | | -1.24 |
| KOLS | 96.6 | 344 | Pg | 23:20:42.71 | | | -0.69 |
| | | | Sg | 20:54.54 | | | -2.37 |
| LTVH | 96.8 | 215 | Pg | 23:20:44.26 | | | 0.83 |
| ABAH | 106.3 | 282 | PgD | 23:20:44.36 | | | -0.76 |
| | | | Sg | 20:57.72 | | | -2.26 |
| MESR | 108.1 | 168 | P*C | 23:20:44.97 | | | -0.47 |
| | | | S* | 20:58.10 | | | -2.44 |
| BORR | 129.2 | 210 | PnD | 23:20:47.40 | | | -0.69 |
| | | | Sn | 21:03.60 | | | -1.66 |
| DRGR | 145.5 | 178 | PnD | 23:20:50.49 | | | 0.38 |
| | | | Sn | 21:08.94 | | | 0.07 |
| MARR | 162.3 | 167 | PnC | 23:20:52.75 | | | 0.53 |
| | | | Sn | 21:12.10 | | | -0.51 |
| KECS | 165.4 | 285 | Pn | 23:20:52.27 | | | -0.33 |
| | | | Sn | 21:14.29 | | | 1.00 |
| CJR | 170.2 | 155 | Pn | 23:20:54.02 | | | 0.82 |
| | | | Sn | 21:14.78 | | | 0.41 |
| KWP | 170.5 | 2 | Pn | 23:20:53.09 | | | -0.15 |
| | | | Sn | 21:13.93 | | | -0.49 |
| ARCR | 171.3 | 131 | PnC | 23:20:54.02 | | | 0.68 |
| | | | Sn | 21:14.50 | | | -0.10 |
| STHS | 178.9 | 325 | Pn | 23:20:54.54 | | | 0.26 |
| | | | Sn | 21:16.56 | | | 0.28 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|-------------|-------|
| BURA | 200.3 | 106 | PnD | 23:20:57.11 | 0.15 |
| | | | Sn | 21:21.50 | 0.46 |
| PSZ | 205.7 | 264 | Pn | 23:20:58.47 | 0.84 |
| | | | Sn | 21:27.08 | 4.84* |
| SIRR | 216.7 | 200 | Pn | 23:20:59.39 | 0.39 |
| | | | Sn | 21:25.10 | 0.42 |
| NIE | 225.3 | 311 | Pn | 23:21:00.38 | 0.31 |
| | | | Sn | 21:27.08 | 0.48 |
| DEV | 247.1 | 175 | Pn | 23:21:08.16 | 5.37* |
| | | | Sn | 21:38.02 | 6.58* |
| SURR | 263.6 | 189 | PnD | 23:21:05.19 | 0.34 |
| | | | Sn | 21:33.60 | -1.49 |
| VYHS | 285.5 | 279 | Pn | 23:21:07.43 | -0.15 |
| BZS | 286.7 | 196 | Pn | 23:21:07.96 | 0.23 |
| GZR | 301.0 | 178 | Pn | 23:21:10.93 | 1.42 |
| LOT | 307.1 | 164 | PnD | 23:21:10.57 | 0.30 |
| | | | Sn | 21:44.70 | -0.05 |

1552.

2021-10-18 time: 7:42:05.98 UTC ML= 1.2
 lat: 47.296N lon: 18.325E h= 0.0 km
 erh= 1.7km erz= 3.2km
 nr= 8 gap=144 rms=0.34
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.0 | 327 | Pg | 7:42:07.58 | 0.00 |
| | | | Sg | 42:08.34 | -0.49 |
| PKSG | 11.8 | 25 | PgU | 7:42:08.04 | -0.05 |
| | | | Sg | 42:09.98 | 0.25 |
| PKST | 22.4 | 260 | Pg | 7:42:10.44 | 0.46 |
| | | | Sg | 42:12.84 | -0.25 |
| PKSM | 122.9 | 169 | Sg | 7:42:44.24 | -0.80 |
| KOVH | 135.3 | 187 | Sn | 7:42:48.73 | 0.20 |

1553.

2021-10-18 time: 9:01:21.01 UTC ML= 1.4
 lat: 48.568N lon: 20.745E h= 0.0 km
 erh= 4.1km erz= 6.5km
 nr= 8 gap=151 rms=1.05
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 21.3 | 244 | Pg | 9:01:26.17 | 1.35 |
| | | | Sg | 01:29.24 | 1.45 |
| PSZ | 95.9 | 221 | Sg | 9:01:50.60 | -0.90 |
| NIE | 99.8 | 342 | Pg | 9:01:39.22 | 0.39 |
| | | | Sg | 01:52.31 | -0.42 |
| LANS | 113.9 | 305 | Sg | 9:01:56.14 | -1.09 |
| KOLS | 119.5 | 70 | Sg | 9:01:57.96 | -1.05 |
| VYHS | 141.2 | 267 | Sn | 9:02:03.50 | -1.37 |

1554.

2021-10-18 time: 9:04:20.48 UTC ML= 1.0
 lat: 47.531N lon: 18.681E h= 0.0 km
 erh= 1.5km erz= 2.9km
 nr= 13 gap=127 rms=0.97
 Locality: Mány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 26.0 | 106 | Sg | 9:04:29.95 | 1.21 |
| BUD | 26.3 | 101 | Sg | 9:04:28.99 | 0.14 |
| PKSG | 26.8 | 235 | Pg | 9:04:25.97 | 0.70 |
| | | | Sg | 04:29.24 | 0.24 |
| CSKK | 36.8 | 240 | Sg | 9:04:32.06 | -0.12 |
| PENC | 53.6 | 57 | Sg | 9:04:38.01 | 0.51 |
| PKST | 57.4 | 238 | Pg | 9:04:31.15 | 0.42 |
| | | | Sg | 04:39.12 | 0.39 |
| PSZ | 100.7 | 65 | Sg | 9:04:52.46 | -0.03 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|------------|-------|
| VYHS | 107.7 | 6 | Pg | 9:04:39.57 | -0.14 |
| | | | Sg | 04:52.46 | -2.26 |
| MORH | 146.2 | 181 | Sn | 9:05:02.96 | -2.49 |
| PKSM | 146.7 | 181 | Sn | 9:05:02.81 | -2.74 |

1555.

2021-10-18 time: 9:17:00.16 UTC ML= 1.4
 lat: 46.018N lon: 22.028E h= 0.0 km
 erh= 2.8km erz= 875km
 nr= 8 gap=109 rms=0.65
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SIRR | 39.8 | 314 | Pg | 9:17:07.64 | 0.38 |
| | | | Sg | 17:12.64 | -0.17 |
| BZS | 54.9 | 216 | Pg | 9:17:10.14 | 0.18 |
| | | | Sg | 17:16.95 | -0.65 |
| GZR | 90.6 | 140 | Pg | 9:17:16.45 | 0.11 |
| | | | Sg | 17:27.86 | -1.10 |
| DRGR | 100.8 | 31 | Pg | 9:17:18.95 | 0.79 |
| | | | Sg | 17:30.56 | -1.64 |

1556.

2021-10-18 time: 10:30:55.07 UTC ML= 1.6
 lat: 48.418N lon: 17.235E h= 0.0 km
 erh= 1.4km erz= 7.0km
 nr= 11 gap= 94 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 5.9 | 147 | PgU | 10:30:56.42 | 0.30 |
| | | | Sg | 30:57.26 | 0.33 |
| SMOL | 17.9 | 53 | Pg | 10:30:57.90 | -0.36 |
| | | | Sg | 31:00.55 | -0.20 |
| KRUC | 94.5 | 319 | Pg | 10:31:12.11 | 0.16 |
| | | | Sg | 31:25.41 | 0.29 |
| RONA | 106.2 | 221 | Pg | 10:31:14.83 | 0.80 |
| | | | Sg | 31:28.46 | -0.36 |
| CONA | 115.7 | 242 | Pg | 10:31:15.23 | -0.51 |
| | | | Sg | 31:31.36 | -0.50 |
| MPLH | 140.6 | 171 | Sn | 10:31:36.93 | -1.87 |

1557.

2021-10-18 time: 12:33:13.65 UTC ML= 1.6
 lat: 47.761N lon: 17.937E h= 13.7 km
 erh= 2.1km erz= 2.2km
 nr= 22 gap=101 rms=0.73
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 50.4 | 151 | Pg | 12:33:23.40 | 0.42 |
| | | | Sg | 33:30.47 | 0.20 |
| PKSG | 53.3 | 140 | Pg | 12:33:23.60 | 0.12 |
| | | | Sg | 33:31.50 | 0.35 |
| PKST | 56.3 | 173 | Pg | 12:33:23.87 | -0.12 |
| | | | Sg | 33:31.38 | -0.67 |
| EGYH | 59.4 | 230 | Pg | 12:33:24.58 | 0.04 |
| | | | Sg | 33:32.21 | -0.83 |
| MPLH | 72.2 | 205 | Pg | 12:33:26.44 | -0.33 |
| | | | Sg | 33:35.91 | -1.09 |
| MODS | 84.1 | 324 | Pg | 12:33:28.89 | 0.03 |
| | | | Sg | 33:39.76 | -0.96 |
| SMOL | 91.9 | 336 | P* | 12:33:30.14 | 0.04 |
| | | | S* | 33:41.78 | -1.14 |
| SOP | 103.8 | 265 | Pn | 12:33:33.02 | 1.14 |
| VYHS | 105.5 | 39 | Pn | 12:33:32.38 | 0.29 |
| | | | Sn | 33:44.97 | -1.50 |
| RONA | 123.3 | 267 | Pn | 12:33:34.44 | 0.13 |
| | | | Sn | 33:50.30 | -0.12 |

Hypocenter Parameters

WINA 144.5 285 Pn 12:33:38.45 1.49
 Sn 33:53.67 -1.46
 CONA 156.5 277 Pn 12:33:40.64 2.19

1558.

2021-10-19 time: 7:37:24.73 UTC ML= 2.0
 lat: 48.790N lon: 16.161E h= 0.0 km
 erh= 5.0km erz= 3.4km
 nr= 10 gap=184 rms=0.58
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 34.8 | 30 | Sg | 7:37:35.06 | -0.73 |
| CONA | 98.3 | 193 | Pg | 7:37:42.32 | 0.04 |
| | | | Sg | 37:55.43 | -0.55 |
| RONA | 121.6 | 175 | Pg | 7:37:46.78 | 0.34 |
| | | | Sg | 38:02.59 | -0.79 |
| MORC | 148.9 | 42 | Pn | 7:37:50.63 | 0.30 |
| | | | Sn | 38:09.25 | -1.04 |
| KRLC | 149.9 | 17 | Pn | 7:37:51.23 | 0.77 |
| | | | Sn | 38:10.30 | -0.23 |
| A338 | 183.7 | 118 | Sn | 7:38:19.16 | 1.14 |

1559.

2021-10-19 time: 7:47:52.98 UTC ML= 1.7
 lat: 47.854N lon: 19.919E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 7 gap=182 rms=1.02
 Locality: Mátraháza
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 7.3 | 346 | Pg | 7:47:54.90 | 0.61 |
| | | | Sg | 47:56.41 | 1.10 |
| PENC | 48.2 | 262 | Pg | 7:48:02.51 | 0.92 |
| | | | Sg | 48:08.05 | -0.26 |
| KECS | 81.6 | 31 | Sg | 7:48:17.92 | -1.01 |
| ABAH | 110.0 | 63 | Sg | 7:48:26.64 | -1.30 |
| PKSG | 125.9 | 246 | Sg | 7:48:31.17 | -1.82 |

1560.

2021-10-19 time: 7:55:49.62 UTC ML= 1.6
 lat: 47.348N lon: 18.447E h= 0.0 km
 erh= 1.5km erz= 2.2km
 nr= 12 gap=113 rms=0.54
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 6.4 | 319 | Pg | 7:55:51.34 | 0.56 |
| | | | Sg | 55:51.98 | 0.31 |
| CSKK | 14.2 | 277 | Pg | 7:55:52.51 | 0.36 |
| | | | Sg | 55:53.78 | -0.35 |
| PKST | 32.7 | 252 | Pg | 7:55:55.77 | 0.30 |
| | | | Sg | 55:59.40 | -0.62 |
| PSZ | 125.9 | 60 | Sg | 7:56:29.82 | 0.16 |
| MORH | 126.8 | 173 | Sg | 7:56:29.57 | -0.35 |
| PKSM | 127.2 | 173 | Sg | 7:56:29.57 | -0.48 |
| VYHS | 130.7 | 13 | Sn | 7:56:29.92 | -1.23 |
| KOVH | 142.5 | 191 | Sn | 7:56:33.90 | 0.12 |
| MODS | 143.7 | 323 | Sn | 7:56:31.79 | -2.26 |

1561.

2021-10-19 time: 8:45:30.08 UTC ML= 1.9
 lat: 48.196N lon: 21.251E h= 0.0 km
 erh= 1.9km erz= 2.2km
 nr= 11 gap=108 rms=0.52
 Locality: Mád
 Comments: probably explosion

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 11.1 | 356 | Pg | 8:45:32.20 | 0.14 |
| | | | Sg | 45:33.11 | -0.50 |
| KECS | 65.1 | 299 | Pg | 8:45:42.08 | 0.37 |
| | | | Sg | 45:49.94 | -0.83 |
| TRPA | 96.1 | 94 | Pg | 8:45:47.07 | -0.17 |
| PSZ | 105.8 | 253 | Sg | 8:46:04.29 | 0.59 |
| KOLS | 111.4 | 43 | Sg | 8:46:06.06 | 0.58 |
| NIE | 152.4 | 333 | Pn | 8:45:56.74 | 0.62 |
| | | | Sn | 46:15.78 | -0.65 |
| LANS | 168.8 | 309 | Sn | 8:46:19.11 | -0.97 |
| DRGR | 191.0 | 145 | Sn | 8:46:24.24 | -0.77 |

1562.

2021-10-19 time: 8:55:18.98 UTC ML= 1.7
 lat: 46.048N lon: 22.788E h= 0.0 km
 erh= 5.0km erz= ***km
 nr= 9 gap=158 rms=1.17
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 20.4 | 154 | Pg | 8:55:22.65 | 0.04 |
| | | | Sg | 55:26.67 | 1.22 |
| GZR | 72.8 | 181 | Pg | 8:55:31.29 | -0.68 |
| | | | Sg | 55:39.92 | -2.18 |
| DRGR | 82.9 | 356 | Pg | 8:55:34.70 | 0.92 |
| | | | Sg | 55:43.54 | -1.79 |
| SIRR | 90.5 | 286 | Pg | 8:55:36.71 | 1.57 |
| | | | Sg | 55:47.76 | 0.02 |
| BZS | 102.8 | 242 | Sg | 8:55:50.36 | -1.30 |

1563.

2021-10-19 time: 8:56:13.22 UTC ML= 1.5
 lat: 46.063N lon: 22.797E h= 0.0 km
 erh= 2.3km erz= 4.8km
 nr= 8 gap=116 rms=0.49
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 21.6 | 158 | Pg | 8:56:17.33 | 0.26 |
| | | | Sg | 56:19.97 | -0.11 |
| GZR | 74.4 | 181 | Pg | 8:56:27.07 | 0.56 |
| | | | Sg | 56:36.20 | -0.67 |
| DRGR | 81.3 | 355 | Sg | 8:56:38.61 | -0.45 |
| SIRR | 90.7 | 285 | Sg | 8:56:42.56 | 0.50 |
| BZS | 104.2 | 242 | Sg | 8:56:45.68 | -0.67 |
| VOIR | 188.6 | 112 | Sn | 8:57:07.02 | -0.57 |

1564.

2021-10-19 time: 9:40:03.79 UTC ML= 0.9
 lat: 47.234N lon: 18.287E h= 0.0 km
 erh= 1.5km erz= 204km
 nr= 6 gap=254 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 14.5 | 352 | Pg | 9:40:06.34 | -0.03 |
| | | | Sg | 40:08.32 | -0.07 |
| PKSG | 19.2 | 24 | Pg | 9:40:07.12 | -0.09 |
| | | | Sg | 40:10.08 | 0.20 |
| PKST | 19.4 | 278 | Pg | 9:40:07.40 | 0.15 |
| | | | Sg | 40:09.78 | -0.16 |

Földrengés paraméterek

Hypocenter Parameters

1565.

2021-10-19 time: 10:19:41.09 UTC ML= 1.5
 lat: 48.570N lon: 20.753E h= 0.0 km
 erh= 2.5km erz= 4.3km
 nr= 11 gap= 91 rms=0.73
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.0 | 244 | Pg | 10:19:45.12 | 0.09 |
| | | | Sg | 19:48.54 | 0.44 |
| ABAH | 47.2 | 130 | Pg | 10:19:49.75 | 0.24 |
| | | | Sg | 19:55.90 | -0.18 |
| PSZ | 96.6 | 221 | Sg | 10:20:10.91 | -0.88 |
| NIE | 99.7 | 341 | Pg | 10:19:59.93 | 1.03 |
| STHS | 100.7 | 21 | Pg | 10:19:59.43 | 0.35 |
| | | | Sg | 20:11.31 | -1.80 |
| KOLS | 118.8 | 70 | Sg | 10:20:17.96 | -0.90 |
| VYHS | 141.9 | 267 | Pn | 10:20:06.13 | 0.31 |
| | | | Sn | 20:23.66 | -1.44 |

1566.

2021-10-20 time: 4:23:52.99 UTC ML= 1.3
 lat: 47.918N lon: 18.975E h= 11.7 km
 erh= 2.0km erz= 2.1km
 nr= 14 gap= 95 rms=0.65
 Locality: Kóspallag
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 27.0 | 122 | PgD | 4:23:58.44 | 0.20 |
| | | | Sg | 24:02.42 | 0.08 |
| A338 | 47.7 | 283 | PgU | 4:24:02.48 | 0.73 |
| | | | Sg | 24:08.53 | -0.06 |
| VYHS | 64.9 | 351 | Sg | 4:24:12.77 | -1.16 |
| PSZ | 68.8 | 90 | Pg | 4:24:05.91 | 0.47 |
| | | | Sg | 24:14.67 | -0.48 |
| PKSG | 73.1 | 217 | Pg | 4:24:05.71 | -0.50 |
| | | | Sg | 24:15.07 | -1.46 |
| PKST | 101.9 | 224 | P* | 4:24:11.44 | 0.31 |
| | | | S* | 24:23.92 | -1.37 |
| KECS | 128.7 | 61 | ePn | 4:24:15.10 | 0.53 |
| | | | eSn | 24:31.50 | 0.09 |
| MPLH | 136.3 | 232 | Sn | 4:24:33.86 | 0.75 |

1567.

2021-10-20 time: 8:14:03.86 UTC ML= 1.7
 lat: 45.582N lon: 17.343E h= 9.7 km
 erh= 2.8km erz= 1.0km
 nr= 11 gap=216 rms=0.23
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 78.6 | 64 | Pg | 8:14:18.07 | 0.07 |
| | | | Sg | 14:28.63 | -0.40 |
| KOVH | 81.4 | 46 | Pg | 8:14:18.67 | 0.16 |
| | | | Sg | 14:29.73 | -0.20 |
| PKSM | 122.7 | 55 | Pn | 8:14:24.88 | -0.08 |
| | | | Sn | 14:41.91 | 0.49 |
| MORH | 123.2 | 55 | Pn | 8:14:25.02 | 0.00 |
| | | | Sn | 14:41.36 | -0.16 |
| CRES | 149.4 | 280 | Pn | 8:14:28.35 | 0.07 |
| | | | Sn | 14:46.47 | -0.86 |
| PKSG | 216.7 | 22 | eSn | 8:15:02.95 | 0.67 |

1568.

2021-10-20 time: 9:19:54.56 UTC ML= 0.8
 lat: 47.229N lon: 18.301E h= 0.0 km
 erh= 2.0km erz= 438km
 nr= 8 gap=147 rms=0.32
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 15.2 | 348 | Pg | 9:19:57.20 | -0.08 |
| | | | Sg | 19:59.06 | -0.34 |
| PKSG | 19.3 | 20 | Pg | 9:19:58.16 | 0.15 |
| | | | Sg | 20:00.87 | 0.17 |
| PKST | 20.5 | 279 | Pg | 9:19:58.41 | 0.19 |
| | | | Sg | 20:00.72 | -0.35 |
| MPLH | 58.1 | 264 | Sg | 9:20:13.37 | 0.35 |
| PKSM | 116.0 | 167 | Sg | 9:20:29.94 | -1.49 |

1569.

2021-10-20 time: 9:31:37.39 UTC ML= 1.8
 lat: 47.951N lon: 20.028E h= 0.0 km
 erh= 2.9km erz= 4.6km
 nr= 9 gap=183 rms=0.57
 Locality: Bodony
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 10.6 | 250 | Pg | 9:31:39.12 | -0.16 |
| | | | Sg | 31:41.12 | 0.36 |
| PENC | 58.6 | 252 | Sg | 9:31:55.92 | -0.10 |
| KECS | 68.2 | 30 | Sg | 9:31:59.13 | 0.06 |
| ABAH | 98.0 | 67 | Pg | 9:31:55.17 | 0.28 |
| | | | Sg | 32:07.62 | -0.92 |
| VYHS | 107.2 | 304 | Pg | 9:31:56.76 | 0.24 |
| | | | Sg | 32:09.53 | -1.92 |
| NIE | 164.5 | 7 | Sn | 9:32:27.59 | 1.17 |

1570.

2021-10-20 time: 9:44:10.54 UTC ML= 0.8
 lat: 47.578N lon: 18.449E h= 0.0 km
 erh= 7.3km erz= 564km
 nr= 5 gap=176 rms=0.26
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 21.2 | 192 | Pg | 9:44:14.51 | 0.19 |
| | | | Sg | 44:17.07 | -0.20 |
| CSKK | 27.8 | 211 | Pg | 9:44:15.74 | 0.24 |
| | | | Sg | 44:18.94 | -0.43 |
| VYHS | 105.9 | 16 | Sg | 9:44:43.92 | -0.27 |

1571.

2021-10-20 time: 9:48:23.27 UTC ML= 1.9
 lat: 48.499N lon: 17.463E h= 0.0 km
 erh= 3.4km erz= 408km
 nr= 7 gap=276 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 3.0 | 303 | PgU | 9:48:23.66 | -0.15 |
| | | | Sg | 48:24.31 | 0.08 |
| MODS | 19.6 | 225 | Pg | 9:48:27.17 | 0.40 |
| | | | Sg | 48:29.52 | 0.03 |
| KRUC | 100.4 | 309 | Pg | 9:48:41.36 | 0.17 |
| | | | Sg | 48:54.98 | -0.20 |
| RONA | 124.3 | 224 | Pg | 9:48:45.03 | -0.44 |

Hypocenter Parameters

Földregés paraméterek

1572.

2021-10-20 time: 10:37:33.05 UTC ML= 1.5
 lat: 48.582N lon: 20.721E h= 0.0 km
 erh= 2.6km erz= 4.6km
 nr= 9 gap=147 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| KECS | 20.5 | 238 | Pg | 10:37:37.23 | | | 0.51 |
| | | | Sg | | 37:40.24 | | 0.66 |
| ABAH | 49.9 | 130 | Pg | 10:37:42.29 | | | 0.34 |
| | | | Sg | | 37:48.30 | | -0.60 |
| PSZ | 96.0 | 220 | Sg | 10:38:02.56 | | | -1.00 |
| NIE | 97.7 | 342 | Pg | 10:37:50.75 | | | 0.25 |
| | | | Sg | | 38:03.11 | | -1.00 |
| VYHS | 139.5 | 266 | Pn | 10:37:57.76 | | | 0.28 |
| | | | Sn | | 38:14.98 | | -1.55 |

1573.

2021-10-20 time: 14:37:05.75 UTC ML= 1.8
 lat: 47.106N lon: 19.351E h= 0.0 km
 erh= 4.1km erz= 588km
 nr= 9 gap=184 rms=0.48
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKS7 | 15.8 | 246 | Pg | 14:37:08.58 | | | 0.00 |
| | | | Sg | | 37:11.02 | | 0.24 |
| PKB1 | 55.6 | 230 | Pg | 14:37:16.01 | | | 0.34 |
| PKB5 | 73.7 | 220 | Pg | 14:37:19.50 | | | 0.59 |
| | | | Sg | | 37:28.97 | | -0.20 |
| PSZ | 99.2 | 24 | Pg | 14:37:22.96 | | | -0.49 |
| | | | Sg | | 37:38.07 | | 0.81 |
| PKSM | 113.3 | 209 | Pg | 14:37:25.47 | | | -0.51 |
| | | | Sg | | 37:40.87 | | -0.89 |

1574.

2021-10-20 time: 14:59:56.45 UTC ML= 2.0
 lat: 47.069N lon: 19.387E h= 0.0 km
 erh= 3.2km erz= 615km
 nr= 10 gap=189 rms=0.49
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|-------------|-----|-------|
| PKS7 | 17.3 | 262 | Pg | 14:59:59.90 | | | 0.35 |
| | | | Sg | | 15:00:01.76 | | -0.20 |
| PENC | 80.5 | 354 | Pg | 14:60:11.25 | | | 0.42 |
| PKB4 | 87.4 | 223 | Pg | 14:60:12.48 | | | 0.43 |
| PKS9 | 100.1 | 238 | Pg | 14:60:14.36 | | | 0.03 |
| PSZ | 101.8 | 22 | Pg | 14:60:13.89 | | | -0.74 |
| MORH | 110.6 | 211 | Pg | 14:60:16.10 | | | -0.10 |
| | | | Sg | | 60:30.00 | | -1.61 |
| PKSM | 111.1 | 211 | Pg | 14:60:16.65 | | | 0.36 |
| | | | Sg | | 60:30.91 | | -0.86 |

1575.

2021-10-20 time: 15:22:02.96 UTC ML= 1.2
 lat: 47.607N lon: 16.350E h= 0.0 km
 erh= 2.6km erz=10.0km
 nr= 8 gap=253 rms=0.34
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| RONA | 11.0 | 339 | PgU | 15:22:05.06 | | | 0.13 |
| | | | Sg | | 22:07.14 | | 0.67 |
| SOP | 17.8 | 62 | Pg | 15:22:06.11 | | | -0.03 |

| | | | | | | | |
|------|-------|-----|----|-------------|----------|--|--------|
| | | | Sg | 22:08.59 | | | -0.03 |
| CONA | 51.1 | 314 | Pg | 15:22:12.17 | | | 0.08 |
| | | | Sg | | 22:18.60 | | -0.61 |
| MODS | 109.8 | 39 | Sg | 15:22:37.60 | | | -0.26 |
| KRUC | 161.8 | 1 | Sn | 15:22:49.11 | | | -2.28* |

1576.

2021-10-21 time: 2:14:55.70 UTC ML= 2.5
 lat: 45.534N lon: 16.089E h= 1.2 km
 erh= 1.5km erz= 1.5km
 nr= 39 gap=132 rms=0.73
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|--------|
| ZAG | 33.7 | 347 | Pg | 2:15:02.07 | | | 0.36 |
| | | | Sg | | 15:06.30 | | -0.11 |
| PTJ | 42.0 | 346 | Pg | 2:15:03.50 | | | 0.30 |
| | | | Sg | | 15:08.86 | | -0.19 |
| GCIS | 51.6 | 316 | iPg | 2:15:05.37 | | | 0.45 |
| | | | iSg | | 15:12.53 | | 0.42 |
| CRES | 59.0 | 303 | Pg | 2:15:06.42 | | | 0.18 |
| | | | Sg | | 15:14.45 | | -0.01 |
| BOJS | 65.5 | 267 | iPg | 2:15:07.68 | | | 0.29 |
| | | | iSg | | 15:15.38 | | -1.13 |
| VISS | 101.9 | 287 | iPg | 2:15:13.69 | | | -0.20 |
| KOGS | 102.4 | 7 | Pg | 2:15:13.84 | | | -0.15 |
| | | | Sg | | 15:27.15 | | -1.11 |
| GROS | 112.7 | 336 | Pg | 2:15:16.28 | | | 0.46 |
| | | | Sg | | 15:30.17 | | -1.35 |
| BEHE | 116.9 | 27 | Pg | 2:15:17.58 | | | 1.00 |
| | | | Sg | | 15:31.59 | | -1.28 |
| BLY | 122.6 | 135 | Pg | 2:15:17.66 | | | 0.07 |
| | | | Sg | | 15:33.16 | | -1.50 |
| PERS | 143.8 | 328 | Pn | 2:15:19.98 | | | -0.52 |
| | | | Sn | | 15:39.30 | | -0.55 |
| SOKA | 151.2 | 327 | Pn | 2:15:21.18 | | | -0.25 |
| | | | Sn | | 15:40.23 | | -1.26 |
| OBKA | 161.2 | 312 | Pn | 2:15:24.09 | | | 1.42 |
| | | | Sn | | 15:43.76 | | 0.04 |
| KOVH | 168.1 | 68 | Sn | 2:15:44.39 | | | -0.85 |
| PKSV | 173.0 | 77 | Sn | 2:15:45.64 | | | -0.71 |
| TRI | 182.3 | 276 | Pn | 2:15:26.14 | | | 0.83 |
| | | | Sn | | 15:48.79 | | 0.38 |
| ARSA | 195.8 | 347 | Sn | 2:15:52.14 | | | 0.75 |
| PKSM | 212.1 | 69 | Pn | 2:15:33.07 | | | 4.05 |
| | | | Sn | | 15:56.07 | | 1.06 |
| MORH | 212.4 | 69 | Pn | 2:15:32.86 | | | 3.80 |
| | | | Sn | | 15:56.13 | | 1.04 |
| PKB4 | 222.3 | 61 | Sn | 2:16:00.34 | | | 3.07 |
| RONA | 241.3 | 4 | Pn | 2:15:32.62 | | | -0.05 |
| SOP | 241.7 | 9 | Pn | 2:15:31.67 | | | -1.04 |
| MOA | 292.8 | 332 | Pn | 2:15:40.10 | | | 1.02 |
| | | | Sn | | 16:11.46 | | -1.47* |

1577.

2021-10-21 time: 7:14:27.19 UTC ML= 1.5
 lat: 47.332N lon: 18.452E h= 0.0 km
 erh= 0.8km erz= 263km
 nr= 8 gap=114 rms=0.19
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 8.1 | 325 | Pg | 7:14:28.75 | | | 0.11 |
| | | | Sg | | 14:29.10 | | -0.67 |
| CSKK | 14.9 | 283 | Pg | 7:14:29.97 | | | 0.12 |
| | | | Sg | | 14:31.88 | | -0.05 |
| PKST | 32.7 | 256 | Sg | 7:14:37.66 | | | 0.09 |
| MORH | 124.9 | 173 | Sg | 7:15:06.80 | | | -0.10 |
| PKSM | 125.4 | 173 | Sg | 7:15:06.80 | | | -0.24 |
| PSZ | 126.5 | 59 | Sg | 7:15:07.50 | | | 0.11 |

Földrengés paraméterek

Hypocenter Parameters

1578.

2021-10-21 time: 8:20:32.41 UTC ML= 1.8
 lat: 48.397N lon: 19.116E h= 0.0 km
 erh= 2.5km erz= 5.0km
 nr= 11 gap= 92 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 23.4 | 297 | PgU | 8:20:36.66 | 0.08 |
| | | | Sg | 20:39.25 | -0.59 |
| PSZ | 78.6 | 133 | Pg | 8:20:47.38 | 0.93 |
| | | | Sg | 20:57.28 | -0.12 |
| LANS | 87.7 | 17 | Pg | 8:20:48.62 | 0.55 |
| KECS | 101.8 | 85 | Pg | 8:20:50.18 | -0.40 |
| | | | Sg | 21:03.70 | -1.05 |
| PKSG | 124.2 | 206 | Pg | 8:20:54.78 | 0.19 |
| | | | Sg | 21:10.60 | -1.30 |
| NIE | 143.6 | 38 | Pn | 8:20:57.93 | 0.59 |
| | | | Sn | 21:15.21 | -1.58 |

1579.

2021-10-21 time: 9:17:28.77 UTC ML= 0.9
 lat: 47.227N lon: 18.254E h= 0.0 km
 erh= 1.5km erz= 193km
 nr= 6 gap=253 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 15.1 | 2 | Pg | 9:17:31.56 | 0.09 |
| | | | Sg | 17:33.73 | 0.15 |
| PKST | 17.0 | 282 | Pg | 9:17:31.74 | -0.07 |
| | | | Sg | 17:34.08 | -0.10 |
| PKSG | 21.0 | 29 | Pg | 9:17:32.59 | 0.07 |
| | | | Sg | 17:35.18 | -0.27 |

1580.

2021-10-21 time: 9:39:36.92 UTC ML= 2.1
 lat: 48.236N lon: 21.309E h= 0.0 km
 erh= 2.8km erz= 2.9km
 nr= 12 gap=105 rms=0.72
 Locality: Erdőbénye
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 8.5 | 323 | PgU | 9:39:39.26 | 0.83 |
| | | | Sg | 39:40.06 | 0.45 |
| KECS | 66.9 | 294 | Pg | 9:39:48.97 | 0.10 |
| | | | Sg | 39:57.18 | -1.01 |
| KOLS | 105.3 | 43 | Sg | 9:40:09.31 | -1.07 |
| PSZ | 111.1 | 251 | Pg | 9:39:57.34 | 0.57 |
| | | | Sg | 40:10.56 | -1.69 |
| NIE | 150.5 | 331 | Sn | 9:40:22.07 | -0.78 |
| LANS | 169.5 | 307 | Sn | 9:40:27.37 | 0.32 |
| VYHS | 185.5 | 279 | Sn | 9:40:30.27 | -0.33 |
| DRGR | 192.2 | 147 | Pn | 9:40:08.24 | 0.33 |
| | | | Sn | 40:31.87 | -0.22 |

1581.

2021-10-21 time: 11:34:54.39 UTC ML= 1.5
 lat: 48.646N lon: 20.221E h= 0.0 km
 erh= 2.6km erz= 921km
 nr= 8 gap=104 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 26.7 | 133 | Pg | 11:35:00.11 | 0.96 |
| | | | Sg | 35:02.66 | -0.21 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PSZ | 84.5 | 197 | Pg | 11:35:09.93 | 0.45 |
| | | | Sg | 35:20.45 | -0.80 |
| ABAH | 84.8 | 117 | Sg | 11:35:20.84 | -0.51 |
| NIE | 86.2 | 5 | Sg | 11:35:22.00 | 0.22 |
| VYHS | 103.6 | 261 | Sg | 11:35:26.20 | -1.11 |
| STHS | 113.7 | 41 | Sg | 11:35:30.06 | -0.48 |

1582.

2021-10-21 time: 14:09:40.27 UTC ML= 1.9
 lat: 47.095N lon: 19.392E h= 0.0 km
 erh= 4.3km erz= 658km
 nr= 8 gap=188 rms=0.48
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.3 | 253 | Pg | 14:09:44.03 | 0.49 |
| | | | Sg | 09:45.53 | -0.56 |
| PKB1 | 57.2 | 233 | Pg | 14:09:50.26 | -0.23 |
| PKB5 | 74.8 | 222 | Pg | 14:09:54.09 | 0.47 |
| PENC | 77.8 | 354 | Pg | 14:09:54.81 | 0.65 |
| PSZ | 99.1 | 22 | Pg | 14:09:57.54 | -0.42 |
| | | | Sg | 10:11.09 | -0.67 |
| PKSM | 113.7 | 210 | Pg | 14:10:00.23 | -0.35 |

1583.

2021-10-22 time: 1:02:09.49 UTC ML= 1.7
 lat: 45.763N lon: 16.913E h= 4.5 km
 erh= 2.5km erz= 2.6km
 nr= 17 gap=107 rms=0.79
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 71.8 | 276 | Sg | 1:02:32.74 | 0.38 |
| PTJ | 75.7 | 282 | Pg | 1:02:23.38 | 0.34 |
| | | | Sg | 02:32.45 | -1.15 |
| BEHE | 79.3 | 352 | Pg | 1:02:25.02 | 1.34 |
| KOGS | 91.8 | 326 | Pg | 1:02:25.14 | -0.76 |
| | | | Sg | 02:38.04 | -0.66 |
| KOVH | 98.9 | 69 | Pg | 1:02:27.36 | 0.18 |
| | | | Sg | 02:39.57 | -1.41 |
| PKSV | 105.0 | 82 | Pg | 1:02:28.76 | 0.49 |
| | | | Sg | 02:40.97 | -1.94 |
| BLY | 114.7 | 169 | Sg | 1:02:46.07 | 0.08 |
| PKSM | 142.9 | 70 | Pn | 1:02:34.24 | 0.46 |
| | | | Sn | 02:51.76 | -0.96 |
| MORH | 143.3 | 69 | Pn | 1:02:34.30 | 0.48 |
| | | | Sn | 02:52.06 | -0.74 |
| PKB4 | 154.0 | 58 | Sn | 1:02:55.97 | 0.79 |
| PERS | 169.2 | 305 | Sn | 1:02:58.68 | 0.14 |

1584.

2021-10-22 time: 2:02:50.53 UTC ML= 0.0
 lat: 47.316N lon: 18.289E h= 8.0 km
 erh= 5.3km erz= 4.4km
 nr= 6 gap=209 rms=0.21
 Locality: Söréd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.6 | 338 | Pg | 2:02:52.06 | -0.22 |
| | | | Sg | 02:53.47 | -0.17 |
| PKSG | 11.4 | 43 | Pg | 2:02:53.14 | 0.13 |
| | | | Sg | 02:55.20 | 0.25 |
| PKST | 20.3 | 252 | Pg | 2:02:54.30 | -0.12 |
| | | | Sg | 02:57.90 | 0.44 |

Hypocenter Parameters

Földrengés paraméterek

1585.

2021-10-22 time: 2:05:33.87 UTC ML= 1.8
 lat: 45.687N lon: 16.924E h= 1.8 km
 erh= 3.5km erz= 4.9km
 nr= 13 gap=109 rms=1.06
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KOGS | 99.3 | 328 | Pg | 2:05:51.39 | | | -0.22 |
| | | | Sg | | 06:03.56 | | -1.89 |
| KOVH | 101.6 | 64 | Pg | 2:05:52.98 | | | 0.97 |
| | | | Sg | | 06:04.81 | | -1.35 |
| PKSV | 105.7 | 78 | Sg | 2:06:06.56 | | | -0.90 |
| | | | Pg | 2:05:53.37 | | | 0.51 |
| BLY | 106.3 | 169 | Sg | 06:05.79 | | | -1.87 |
| | | | Pg | 2:05:55.85 | | | 1.40 |
| CRES | 115.2 | 278 | Sg | 06:09.91 | | | -0.58 |
| | | | Pn | 2:05:59.70 | | | 0.90 |
| PKSM | 145.3 | 66 | Sn | 06:17.12 | | | -1.12 |
| | | | Pn | 2:05:59.65 | | | 0.80 |
| MORH | 145.7 | 66 | Sn | 06:17.37 | | | -0.96 |

1586.

2021-10-22 time: 6:00:51.99 UTC ML= 1.9
 lat: 45.768N lon: 16.929E h= 10.0 km
 erh= 4.7km erz= 4.1km
 nr= 15 gap=191 rms=0.95
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PTJ | 76.8 | 281 | Pg | 6:01:05.58 | | | -0.25 |
| | | | Sg | | 01:14.86 | | -1.76 |
| BEHE | 79.0 | 351 | Pg | 6:01:07.18 | | | 0.98 |
| | | | Sg | | 01:17.60 | | 0.31 |
| KOGS | 92.0 | 325 | Pg | 6:01:08.99 | | | 0.47 |
| | | | Sg | | 01:19.60 | | -1.82 |
| KOVH | 97.6 | 69 | Sg | 6:01:21.48 | | | -1.68 |
| | | | P* | 6:01:10.38 | | | -0.19 |
| PKSV | 103.7 | 83 | S* | 01:23.13 | | | -1.94 |
| | | | Pn | 6:01:12.79 | | | 0.75 |
| CRES | 114.6 | 273 | Sn | 01:26.81 | | | -0.86 |
| | | | Pn | 6:01:16.42 | | | 1.02 |
| PKSM | 141.6 | 70 | Sn | 01:33.99 | | | 0.34 |
| | | | Pn | 6:01:16.22 | | | 0.78 |
| MORH | 141.9 | 69 | Sn | 01:33.94 | | | 0.21 |

1587.

2021-10-22 time: 6:51:53.15 UTC ML= 1.8
 lat: 45.576N lon: 18.123E h= 0.5 km
 erh= 2.7km erz= 2.1km
 nr= 17 gap=189 rms=0.46
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSV | 36.2 | 16 | Pg | 6:52:00.12 | | | 0.50 |
| | | | Sg | | 52:04.55 | | -0.11 |
| KOVH | 57.0 | 358 | Pg | 6:52:03.60 | | | 0.27 |
| | | | Sg | | 52:10.35 | | -0.93 |
| PKSM | 81.4 | 30 | Pg | 6:52:07.60 | | | -0.08 |
| | | | Sg | | 52:19.11 | | 0.09 |
| MORH | 81.9 | 30 | Pg | 6:52:07.58 | | | -0.19 |
| | | | Sg | | 52:19.14 | | -0.03 |
| PKB4 | 108.9 | 20 | Sg | 6:52:27.55 | | | -0.22 |
| | | | Pg | 6:52:13.95 | | | 0.61 |
| PKS9 | 113.1 | 6 | Sg | 52:28.72 | | | -0.37 |
| | | | Sg | 6:52:29.80 | | | -0.82 |
| PKB5 | 122.8 | 23 | Pg | 6:52:15.15 | | | 0.06 |
| | | | Sg | | 52:31.16 | | -1.03 |
| PKB1 | 143.9 | 21 | Pn | 6:52:18.82 | | | 0.75 |

Sn 52:36.98 -0.52
 KOGS 174.5 304 Sn 6:52:44.08 -0.20

1588.

2021-10-22 time: 7:57:15.80 UTC ML= 1.6
 lat: 46.772N lon: 22.827E h= 0.0 km
 erh= 8.0km erz=11.2km
 nr= 6 gap=207 rms=0.62
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| DRGR | 9.1 | 284 | Pg | 7:57:16.90 | | | -0.52 |
| | | | Sg | | 57:19.84 | | 1.16 |
| SIRR | 105.7 | 238 | Sg | 7:57:48.89 | | | -0.50 |
| | | | Pn | 7:57:42.37 | | | 0.42 |
| GZR | 153.3 | 181 | Sn | 58:01.95 | | | -0.40 |
| | | | Sn | 7:58:19.30 | | | 0.58 |

1589.

2021-10-22 time: 8:02:10.64 UTC ML= 1.3
 lat: 47.356N lon: 18.491E h= 0.0 km
 erh= 1.9km erz= 4.0km
 nr= 11 gap=115 rms=0.55
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 8.5 | 298 | Pg | 8:02:12.10 | | | -0.07 |
| | | | Sg | | 02:12.83 | | -0.53 |
| CSKK | 17.4 | 273 | Pg | 8:02:13.79 | | | 0.04 |
| | | | Sg | | 02:15.27 | | -0.91 |
| PKST | 36.2 | 253 | Pg | 8:02:18.13 | | | 1.03 |
| | | | Sg | | 02:22.64 | | 0.50 |
| PSZ | 122.6 | 59 | Sg | 8:02:50.07 | | | 0.45 |
| | | | Sg | 8:02:50.52 | | | -0.59 |
| MORH | 127.3 | 175 | Sg | 8:02:50.77 | | | -0.48 |
| | | | Sg | 8:02:51.27 | | | -0.41 |
| VYHS | 129.1 | 12 | Sg | 8:02:55.17 | | | 0.03 |
| | | | Sn | | | | |

1590.

2021-10-22 time: 8:17:03.79 UTC ML= 1.8
 lat: 45.790N lon: 16.913E h= 10.3 km
 erh= 3.7km erz= 2.9km
 nr= 15 gap=188 rms=0.89
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PTJ | 75.2 | 279 | Pg | 8:17:17.41 | | | 0.07 |
| | | | Sg | | 17:26.51 | | -1.40 |
| BEHE | 76.3 | 352 | Sg | 8:17:28.70 | | | 0.42 |
| | | | Pg | 8:17:20.13 | | | 0.29 |
| KOGS | 89.3 | 325 | Sg | 17:31.93 | | | -0.43 |
| | | | Sg | 8:17:33.46 | | | -1.60 |
| KOVH | 97.8 | 70 | P* | 8:17:22.66 | | | 0.17 |
| | | | S* | 17:35.16 | | | -1.91 |
| PKSV | 104.6 | 84 | Pn | 8:17:24.35 | | | 0.72 |
| | | | Sn | 17:38.29 | | | -0.81 |
| CRES | 113.3 | 272 | Sn | 8:17:42.19 | | | -1.10 |
| | | | Pn | 8:17:28.34 | | | 1.14 |
| GROS | 132.1 | 304 | Sn | 17:45.64 | | | 0.19 |
| | | | Sn | 8:17:46.20 | | | 0.67 |
| PKSM | 141.9 | 71 | Sn | 8:17:53.03 | | | 1.89 |
| | | | Sn | | | | |

Földrengés paraméterek

Hypocenter Parameters

1591.

 2021-10-22 time: 8:57:06.40 UTC ML= 1.8
 lat: 48.409N lon: 18.634E h= 0.0 km
 erh= 2.2km erz= 3.0km
 nr= 13 gap= 85 rms=0.98
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| VYHS | 17.7 | 58 | Pg | 8:57:10.04 | | | 0.48 |
| | | | Sg | | 57:12.10 | | 0.08 |
| PENC | 84.0 | 145 | Sg | 8:57:33.02 | | | -0.09 |
| MODS | 100.5 | 268 | Pg | 8:57:25.66 | | | 1.31 |
| | | | Sg | | 57:37.44 | | -0.91 |
| PSZ | 108.5 | 120 | Pg | 8:57:27.05 | | | 1.27 |
| | | | Sg | | 57:40.26 | | -0.63 |
| PKSG | 114.6 | 189 | Sg | 8:57:42.17 | | | -0.65 |
| PKST | 135.5 | 199 | Sn | 8:57:47.25 | | | -1.75 |
| KECS | 137.3 | 87 | Pn | 8:57:30.85 | | | 0.30 |
| | | | Sn | | 57:47.27 | | -2.11 |
| MORC | 171.7 | 332 | Pn | 8:57:34.16 | | | -0.68 |
| | | | Sn | | 57:55.78 | | -1.25 |

1592.

 2021-10-22 time: 9:20:28.14 UTC ML= 1.4
 lat: 47.867N lon: 19.165E h= 0.0 km
 erh= 3.5km erz= 614km
 nr= 6 gap=206 rms=0.40
 Locality: Ósagárd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PENC | 12.2 | 134 | Pg | 9:20:30.16 | | | -0.16 |
| | | | Sg | | 20:31.41 | | -0.61 |
| PSZ | 54.9 | 84 | Pg | 9:20:38.29 | | | 0.36 |
| | | | Sg | | 20:45.89 | | 0.31 |
| VYHS | 73.9 | 341 | Pg | 9:20:41.59 | | | 0.26 |
| | | | Sg | | 20:50.83 | | -0.79 |

1593.

 2021-10-22 time: 10:44:49.98 UTC ML= 1.5
 lat: 46.105N lon: 21.691E h= 0.0 km
 erh= 2.5km erz= 630km
 nr= 8 gap=166 rms=0.45
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| SIRR | 18.2 | 352 | Pg | 10:44:53.41 | | | 0.18 |
| | | | Sg | | 44:55.41 | | -0.35 |
| BZS | 54.6 | 186 | Pg | 10:44:59.72 | | | -0.01 |
| | | | Sg | | 45:06.72 | | -0.61 |
| DRGR | 109.4 | 46 | Pg | 10:45:09.63 | | | 0.11 |
| | | | Sg | | 45:24.14 | | -0.62 |
| GZR | 115.8 | 133 | Pg | 10:45:11.50 | | | 0.85 |
| | | | Sg | | 45:26.31 | | -0.46 |

1594.

 2021-10-23 time: 1:31:55.84 UTC ML= 1.9
 lat: 45.938N lon: 16.024E h= 7.8 km
 erh= 1.3km erz= 1.2km
 nr= 30 gap= 61 rms=0.57
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|-----|------|-----|-------|------------|----------|-----|-------|
| PTJ | 6.7 | 230 | PgU | 1:31:57.74 | | | 0.06 |
| | | | Sg | | 31:58.97 | | -0.14 |
| ZAG | 12.4 | 191 | Pg | 1:31:58.46 | | | 0.00 |
| | | | Sg | | 32:00.15 | | -0.35 |

| | | | | | | | |
|------|-------|-----|-----|------------|----------|--|-------|
| GCIS | 31.8 | 256 | iPg | 1:32:02.01 | | | 0.32 |
| | | | eSg | | 32:06.29 | | 0.04 |
| GOLS | 32.0 | 285 | iPg | 1:32:02.32 | | | 0.59 |
| | | | eSg | | 32:06.90 | | 0.58 |
| CESS | 43.7 | 275 | ePg | 1:32:04.22 | | | 0.45 |
| | | | eSg | | 32:10.30 | | 0.35 |
| CRES | 45.8 | 254 | Pg | 1:32:04.12 | | | -0.02 |
| | | | Sg | | 32:10.02 | | -0.59 |
| DOBS | 49.0 | 299 | iPg | 1:32:05.19 | | | 0.49 |
| | | | eSg | | 32:11.74 | | 0.13 |
| KOGS | 59.3 | 17 | Pg | 1:32:06.19 | | | -0.34 |
| | | | Sg | | 32:13.85 | | -1.01 |
| GROS | 70.7 | 325 | eSg | 1:32:17.89 | | | -0.57 |
| BOJS | 77.1 | 231 | iPg | 1:32:09.04 | | | -0.64 |
| | | | eSg | | 32:19.39 | | -1.08 |
| BEHE | 82.8 | 44 | Pg | 1:32:11.04 | | | 0.34 |
| PERS | 104.4 | 318 | Pg | 1:32:14.57 | | | 0.03 |
| | | | Sg | | 32:27.62 | | -1.51 |
| SOKA | 112.2 | 317 | Pn | 1:32:15.57 | | | -0.30 |
| | | | Sn | | 32:29.29 | | -2.20 |
| ARSA | 150.9 | 345 | Pn | 1:32:22.29 | | | 1.61 |
| BLY | 160.4 | 145 | Pn | 1:32:21.73 | | | -0.15 |
| | | | Sn | | 32:41.48 | | -0.70 |
| KOVH | 161.6 | 84 | Pn | 1:32:22.82 | | | 0.79 |
| | | | Sn | | 32:42.03 | | -0.42 |
| TRI | 177.5 | 262 | Sn | 1:32:47.03 | | | 1.06 |

1595.

 2021-10-25 time: 7:24:45.51 UTC ML= 1.1
 lat: 47.679N lon: 18.492E h= 0.0 km
 erh= 3.0km erz= ***km
 nr= 10 gap=115 rms=0.84
 Locality: Héreg
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 32.9 | 193 | Pg | 7:24:51.00 | | | -0.38 |
| | | | Sg | | 24:56.89 | | 0.93 |
| CSKK | 39.2 | 206 | Sg | 7:24:58.51 | | | 0.53 |
| PKST | 58.1 | 216 | Pg | 7:24:55.27 | | | -0.61 |
| | | | Sg | | 25:04.07 | | 0.10 |
| PENC | 60.5 | 78 | Sg | 7:25:04.87 | | | 0.11 |
| VYHS | 94.2 | 16 | Pg | 7:25:03.90 | | | 1.57 |
| | | | Sg | | 25:15.10 | | -0.34 |
| PSZ | 108.4 | 76 | Sg | 7:25:18.82 | | | -1.15 |
| MODS | 119.0 | 310 | Sg | 7:25:22.22 | | | -1.12 |

1596.

 2021-10-25 time: 7:41:46.60 UTC ML= 1.8
 lat: 46.062N lon: 22.774E h= 0.0 km
 erh= 1.0km erz= 285km
 nr= 10 gap=157 rms=0.23
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|--------|
| DEV | 22.2 | 153 | Pg | 7:41:50.76 | | | 0.19 |
| | | | Sg | | 41:53.57 | | -0.09 |
| GZR | 74.3 | 180 | Pg | 7:41:59.96 | | | 0.09 |
| | | | Sg | | 42:09.75 | | -0.46 |
| DRGR | 81.3 | 357 | Pg | 7:42:01.08 | | | -0.04 |
| | | | Sg | | 42:10.79 | | -1.66* |
| SIRR | 89.0 | 285 | Pg | 7:42:02.58 | | | 0.07 |
| | | | Sg | | 42:15.07 | | 0.16 |
| BZS | 102.6 | 241 | Pg | 7:42:05.06 | | | 0.13 |
| | | | Sg | | 42:18.82 | | -0.40 |

Hypocenter Parameters

Földrengés paraméterek

1597.

2021-10-25 time: 10:01:54.38 UTC ML= 1.3
 lat: 48.487N lon: 19.571E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 7 gap=112 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| VYHS | 54.3 | 271 | Pg | 10:02:04.65 | | | 0.57 |
| | | | Sg | | 02:10.91 | | -0.73 |
| KECS | 67.6 | 90 | Pg | 10:02:07.31 | | | 0.86 |
| | | | Sg | | 02:15.52 | | -0.35 |
| PSZ | 67.7 | 159 | Sg | 10:02:15.07 | | | -0.82 |
| LANS | 74.1 | 354 | Sg | 10:02:17.92 | | | -0.02 |
| NIE | 117.0 | 28 | Sg | 10:02:30.48 | | | -1.08 |

1598.

2021-10-25 time: 11:01:23.07 UTC ML= 1.2
 lat: 48.641N lon: 20.721E h= 0.0 km
 erh= 3.4km erz= 3.2km
 nr= 5 gap=232 rms=0.25
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| KECS | 24.7 | 225 | Pg | 11:01:27.71 | | | 0.23 |
| | | | Sg | | 01:30.67 | | -0.25 |
| ABAH | 54.2 | 135 | Sg | 11:01:40.18 | | | -0.13 |
| PSZ | 101.1 | 217 | Sg | 11:01:55.44 | | | 0.24 |
| VYHS | 140.1 | 263 | Sn | 11:02:06.26 | | | -0.42 |

1599.

2021-10-25 time: 21:52:09.04 UTC ML= 2.3
 lat: 46.056N lon: 16.072E h= 8.2 km
 erh= 1.1km erz= 1.1km
 nr= 47 gap= 53 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PTJ | 19.5 | 207 | Pg | 21:52:12.94 | | | 0.13 |
| | | | Sg | | 52:14.27 | | -1.49 |
| ZAG | 26.0 | 193 | PgD | 21:52:14.41 | | | 0.51 |
| | | | Sg | | 52:18.69 | | 0.99 |
| GOLS | 35.0 | 262 | iPg | 21:52:15.90 | | | 0.44 |
| | | | iSg | | 52:20.82 | | 0.35 |
| GCIS | 40.4 | 239 | iPg | 21:52:16.67 | | | 0.28 |
| | | | iSg | | 52:21.59 | | -0.54 |
| KOGS | 45.7 | 18 | Pg | 21:52:17.62 | | | 0.29 |
| | | | Sg | | 52:23.71 | | -0.09 |
| CESS | 48.0 | 259 | iPgC | 21:52:18.33 | | | 0.59 |
| | | | iSg | | 52:24.37 | | -0.16 |
| CRES | 54.1 | 242 | Pg | 21:52:18.98 | | | 0.16 |
| | | | Sg | | 52:25.43 | | -1.01 |
| GROS | 62.9 | 316 | Pg | 21:52:20.47 | | | 0.10 |
| | | | Sg | | 52:28.00 | | -1.21 |
| BEHE | 71.1 | 50 | Pg | 21:52:22.22 | | | 0.39 |
| | | | Sg | | 52:31.86 | | 0.06 |
| PKKS | 83.1 | 270 | iPgC | 21:52:23.95 | | | -0.01 |
| PERS | 97.8 | 311 | Pg | 21:52:25.99 | | | -0.57 |
| | | | Sg | | 52:37.69 | | -2.54 |
| SOKA | 105.7 | 311 | Pg | 21:52:27.29 | | | -0.69 |
| | | | Sg | | 52:39.75 | | -3.00 |
| OBKA | 127.7 | 293 | Pn | 21:52:31.14 | | | 0.19 |
| | | | Sn | | 52:45.80 | | -2.23 |
| ARSA | 139.3 | 342 | Pn | 21:52:32.79 | | | 0.41 |
| KOVH | 156.9 | 89 | Pn | 21:52:34.11 | | | -0.47 |
| MPLH | 167.3 | 42 | Pn | 21:52:35.91 | | | 0.04 |
| | | | Sn | | 52:56.95 | | 0.15 |
| TIH | 168.4 | 56 | Pn | 21:52:35.80 | | | -0.21 |
| BLY | 169.4 | 149 | Pn | 21:52:35.91 | | | -0.23 |

| | | | | | | |
|------|----------|-----|-------|-------------|--|-------|
| Sn | 52:56.88 | | -0.39 | | | |
| PKSV | 170.0 | 96 | Pn | 21:52:35.63 | | -0.58 |
| EGYH | 179.3 | 32 | Pn | 21:52:38.05 | | 0.67 |
| TRI | 183.3 | 258 | Pn | 21:52:38.45 | | 0.58 |
| | | | Sn | 53:00.27 | | -0.09 |
| RONA | 183.5 | 5 | Sn | 21:53:03.60 | | 3.19* |
| MYKA | 197.7 | 289 | Pn | 21:52:40.76 | | 1.09 |
| | | | Sn | 53:03.19 | | -0.37 |
| PKSM | 199.3 | 85 | Pn | 21:52:39.29 | | -0.58 |
| MORH | 199.6 | 85 | Pn | 21:52:39.29 | | -0.61 |
| PKST | 201.1 | 48 | Pn | 21:52:40.16 | | 0.07 |
| WINA | 228.0 | 0 | Pn | 21:52:45.02 | | 1.57 |
| | | | Sn | 53:10.88 | | 0.58 |
| MOA | 242.2 | 325 | Pn | 21:52:46.75 | | 1.53 |
| | | | Sn | 53:14.81 | | 1.38 |
| ABNA | 294.7 | 351 | Pn | 21:52:53.31 | | 1.55 |
| | | | Sn | 53:25.43 | | 0.35* |

1600.

2021-10-26 time: 8:31:52.14 UTC ML= 1.9
 lat: 48.876N lon: 20.536E h= 0.0 km
 erh= 1.5km erz= 2.4km
 nr= 20 gap= 56 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|--------|
| KECS | 43.8 | 185 | Pg | 8:32:00.25 | | | 0.28 |
| | | | Sg | | 32:05.85 | | -0.22 |
| NIE | 62.5 | 345 | Pg | 8:32:03.25 | | | -0.06 |
| | | | Sg | | 32:11.36 | | -0.66 |
| STHS | 79.3 | 41 | Pg | 8:32:06.35 | | | 0.05 |
| | | | Sg | | 32:16.27 | | -1.07 |
| ABAH | 82.8 | 141 | Pg | 8:32:07.56 | | | 0.64 |
| | | | Sg | | 32:18.56 | | 0.11 |
| LANS | 83.9 | 291 | Pg | 8:32:07.36 | | | 0.24 |
| | | | Sg | | 32:17.86 | | -0.95 |
| PSZ | 116.6 | 204 | Pg | 8:32:12.87 | | | -0.09 |
| | | | Sg | | 32:27.77 | | -1.43 |
| KOLS | 127.5 | 87 | Pg | 8:32:14.76 | | | -0.16 |
| | | | Sg | | 32:31.58 | | -1.10 |
| VYHS | 132.2 | 251 | Pn | 8:32:16.66 | | | 1.00 |
| | | | Sn | | 32:30.19 | | -3.81* |
| PENC | 152.4 | 218 | Sn | 8:32:37.49 | | | -0.99 |
| OJC | 158.7 | 340 | Pn | 8:32:20.48 | | | 1.52 |
| | | | Sn | | 32:39.80 | | -0.08 |
| KWP | 179.0 | 62 | Sn | 8:32:44.99 | | | 0.59 |

1601.

2021-10-26 time: 8:37:44.77 UTC ML= 1.8
 lat: 47.333N lon: 18.443E h= 0.0 km
 erh= 1.1km erz= 4.9km
 nr= 10 gap=114 rms=0.40
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.7 | 329 | Pg | 8:37:46.31 | | | 0.17 |
| | | | Sg | | 37:46.78 | | -0.43 |
| CSKK | 14.2 | 284 | Pg | 8:37:47.54 | | | 0.24 |
| | | | Sg | | 37:48.84 | | -0.44 |
| PKST | 32.0 | 255 | Sg | 8:37:55.10 | | | 0.17 |
| MORH | 125.1 | 173 | Sg | 8:38:24.21 | | | -0.33 |
| PKSM | 125.5 | 173 | Sg | 8:38:24.31 | | | -0.36 |
| PSZ | 127.1 | 59 | Pg | 8:38:07.99 | | | 0.53 |
| | | | Sg | | 38:25.01 | | -0.14 |
| VYHS | 132.4 | 13 | Sn | 8:38:24.86 | | | -1.82 |

Földrengés paraméterek

Hypocenter Parameters

1602.

 2021-10-26 time: 9:10:08.35 UTC ML= 0.6
 lat: 47.217N lon: 18.308E h= 0.0 km
 erh= 1.4km erz= 1.3km
 nr= 8 gap=226 rms=0.39
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CSKK | 16.6 | 348 | Pg | 9:10:11.58 | | | 0.26 |
| | | | Sg | 10:13.41 | | | -0.23 |
| PKSG | 20.4 | 18 | Pg | 9:10:12.54 | | | 0.54 |
| | | | Sg | 10:14.71 | | | -0.13 |
| PKST | 21.2 | 283 | Pg | 9:10:12.13 | | | -0.01 |
| | | | Sg | 10:14.90 | | | -0.20 |
| PSZ | 142.6 | 57 | Sn | 9:10:51.86 | | | -0.66 |
| VYHS | 147.4 | 16 | Sn | 9:10:52.71 | | | -0.87 |

1603.

 2021-10-26 time: 9:43:12.15 UTC ML= 1.5
 lat: 48.578N lon: 20.756E h= 0.0 km
 erh= 2.9km erz= 3.5km
 nr= 11 gap=130 rms=0.83
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 22.6 | 242 | Pg | 9:43:16.37 | | | 0.18 |
| | | | Sg | 43:19.72 | | | 0.39 |
| ABAH | 47.6 | 131 | Pg | 9:43:21.57 | | | 0.91 |
| | | | Sg | 43:27.43 | | | 0.14 |
| PSZ | 97.3 | 221 | Pg | 9:43:29.98 | | | 0.44 |
| | | | Sg | 43:41.54 | | | -1.56 |
| NIE | 98.9 | 341 | Pg | 9:43:30.18 | | | 0.36 |
| LANS | 113.9 | 304 | Sg | 9:43:46.80 | | | -1.56 |
| TRPA | 141.3 | 111 | Sn | 9:43:54.16 | | | -1.87 |
| VYHS | 142.1 | 266 | Pn | 9:43:37.29 | | | 0.39 |
| | | | Sn | 43:55.21 | | | -1.00 |

1604.

 2021-10-26 time: 10:07:01.08 UTC ML= 1.7
 lat: 47.343N lon: 18.436E h= 0.0 km
 erh= 1.3km erz= 2.1km
 nr= 13 gap=113 rms=0.45
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSG | 6.4 | 328 | PgU | 10:07:02.29 | | | 0.06 |
| | | | Sg | 07:02.94 | | | -0.18 |
| CSKK | 13.4 | 280 | PgU | 10:07:03.59 | | | 0.12 |
| | | | Sg | 07:04.98 | | | -0.36 |
| PKST | 31.7 | 253 | Pg | 10:07:07.00 | | | 0.26 |
| | | | Sg | 07:11.20 | | | 0.03 |
| PKSM | 126.7 | 173 | Pg | 10:07:24.14 | | | 0.44 |
| | | | Sg | 07:39.85 | | | -1.50 |
| PSZ | 127.0 | 60 | Pg | 10:07:24.24 | | | 0.49 |
| | | | Sg | 07:41.06 | | | -0.37 |
| VYHS | 131.5 | 13 | Pn | 10:07:24.54 | | | 0.04 |
| | | | Sn | 07:41.16 | | | -1.62 |
| KOVH | 141.8 | 190 | Sn | 10:07:44.36 | | | -0.70 |

1605.

 2021-10-27 time: 1:44:58.11 UTC ML= 3.2
 lat: 48.140N lon: 22.945E h= 12.3 km
 erh= 2.1km erz= 1.5km
 nr= 27 gap=148 rms=0.69
 Locality: Ukraine
 Comments: felt 4 MIS/IIS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| TRPA | 30.3 | 268 | Pg | 1:45:03.88 | | | -0.06 |
| | | | Sg | 45:08.74 | | | 0.25 |
| BMR | 66.3 | 142 | PgD | 1:45:09.04 | | | -1.12 |
| KOLS | 101.2 | 331 | P* | 1:45:16.25 | | | 0.15 |
| | | | S* | 45:29.19 | | | -0.94 |
| LTVH | 114.8 | 223 | Pn | 1:45:18.02 | | | 0.13 |
| ABAH | 128.0 | 278 | Pn | 1:45:19.14 | | | -0.38 |
| | | | Sn | 45:35.16 | | | -1.07 |
| DRGR | 151.0 | 187 | Pn | 1:45:22.34 | | | -0.05 |
| | | | Sn | 45:40.95 | | | -0.39 |
| CJR | 166.1 | 163 | Pn | 1:45:24.95 | | | 0.67 |
| | | | Sn | 45:45.13 | | | 0.43 |
| KWP | 166.7 | 354 | PnU | 1:45:25.25 | | | 0.89 |
| | | | Sn | 45:44.85 | | | 0.01 |
| KECS | 186.4 | 282 | Pn | 1:45:29.43 | | | 2.62 |
| | | | Sn | 45:52.57 | | | 3.37* |
| STHS | 189.2 | 319 | Pn | 1:45:27.30 | | | 0.14 |
| | | | Sn | 45:49.79 | | | -0.03 |
| BSZH | 221.6 | 245 | Sn | 1:45:56.96 | | | -0.06 |
| PSZ | 228.9 | 264 | Pn | 1:45:31.82 | | | -0.29 |
| | | | Sn | 45:57.63 | | | -1.00 |
| SIRR | 229.9 | 205 | Pn | 1:45:32.30 | | | 0.07 |
| NIE | 240.1 | 306 | Pn | 1:45:34.74 | | | 1.23 |
| PKSN | 269.9 | 239 | Sn | 1:46:07.33 | | | -0.41 |
| PENC | 276.4 | 262 | Pn | 1:45:38.71 | | | 0.68 |
| LANS | 279.8 | 294 | Pn | 1:45:39.81 | | | 1.35 |
| | | | Sn | 46:10.47 | | | 0.53 |
| GZR | 305.6 | 182 | Pn | 1:45:49.41 | | | 7.73* |
| | | | Sn | 46:16.13 | | | 0.46* |
| VYHS | 307.3 | 277 | Pn | 1:45:42.06 | | | 0.17* |
| | | | Sn | 46:16.43 | | | 0.39* |
| PKS6 | 307.5 | 236 | Sn | 1:46:14.89 | | | -1.19* |
| PKS7 | 309.5 | 247 | Sn | 1:46:14.49 | | | -2.03* |
| PKB2 | 323.6 | 240 | Sn | 1:46:17.36 | | | -2.29* |
| OJC | 325.8 | 315 | Pn | 1:45:44.68 | | | 0.49* |
| | | | Sn | 46:19.50 | | | -0.63* |
| PKS2 | 336.5 | 237 | Sn | 1:46:20.77 | | | -1.74* |
| VOIR | 340.8 | 152 | Pn | 1:45:46.79 | | | 0.73* |
| A338 | 342.5 | 268 | Pn | 1:45:46.26 | | | -0.02* |
| PKSG | 351.4 | 256 | Pn | 1:45:46.78 | | | -0.61* |
| | | | Sn | 46:24.57 | | | -1.26* |
| PKB5 | 361.4 | 242 | Pn | 1:45:49.01 | | | 0.37* |
| CSKK | 361.8 | 256 | Pn | 1:45:48.22 | | | -0.46* |
| | | | Sn | 46:26.71 | | | -1.42* |
| PKST | 381.4 | 255 | Pn | 1:45:50.55 | | | -0.58* |
| | | | Sn | 46:30.38 | | | -2.11* |
| VRI | 382.9 | 131 | Pn | 1:46:02.78 | | | 11.46* |
| MORH | 390.0 | 237 | Pn | 1:46:04.74 | | | 12.54* |
| | | | Sn | 46:31.65 | | | -2.74* |
| PKSM | 390.4 | 237 | Pn | 1:46:03.54 | | | 11.29* |
| PKS9 | 392.6 | 244 | Sn | 1:46:33.15 | | | -1.81* |
| SMOL | 411.2 | 276 | Pn | 1:46:07.15 | | | 12.31* |
| MODS | 421.7 | 274 | Pn | 1:45:56.60 | | | 0.45* |
| | | | Sn | 46:41.30 | | | -0.13* |
| MORC | 435.5 | 295 | Pn | 1:45:57.99 | | | 0.11* |
| | | | Sn | 46:43.00 | | | -1.50* |
| DPC | 541.3 | 297 | ePn | 1:46:10.20 | | | -0.86* |
| | | | eSn | 47:06.20 | | | -1.77* |
| ABNA | 559.3 | 276 | Pn | 1:46:13.55 | | | 0.24* |
| | | | Sn | 47:09.69 | | | -2.29* |
| UPC | 568.7 | 298 | ePn | 1:46:14.50 | | | 0.02* |
| | | | eSn | 47:11.60 | | | -2.44* |
| ZVC | 659.2 | 283 | eSn | 1:47:32.00 | | | -2.14* |
| KHC | 699.2 | 279 | ePn | 1:46:30.90 | | | 0.15* |
| | | | eSn | 47:39.80 | | | -3.21* |

1606.

 2021-10-27 time: 7:55:07.71 UTC ML= 1.4
 lat: 45.847N lon: 18.396E h= 0.0 km
 erh= 3.9km erz= 574km
 nr= 9 gap=267 rms=0.43
 Locality: Nagyharsány
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 12.1 | 292 | Pg | 7:55:09.63 | -0.24 |
| | | | Sg | 55:11.94 | 0.39 |
| KOVH | 35.3 | 319 | Pg | 7:55:13.84 | -0.18 |
| | | | Sg | 55:18.49 | -0.44 |
| PKSM | 44.8 | 25 | Pg | 7:55:15.61 | -0.10 |
| | | | Sg | 55:21.77 | -0.17 |
| MORH | 45.3 | 25 | Pg | 7:55:15.74 | -0.06 |
| | | | Sg | 55:21.95 | -0.15 |
| PKS9 | 82.7 | 354 | Pg | 7:55:23.70 | 1.21 |

1607.

2021-10-27 time: 8:55:05.93 UTC ML= 2.0
 lat: 48.607N lon: 20.748E h= 0.0 km
 erh= 1.7km erz= 3.3km
 nr= 10 gap=129 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.7 | 235 | Pg | 8:55:10.66 | 0.49 |
| | | | Sg | 55:13.01 | -0.47 |
| ABAH | 50.2 | 134 | Pg | 8:55:15.26 | 0.37 |
| | | | Sg | 55:21.52 | -0.36 |
| PSZ | 99.4 | 220 | Pg | 8:55:23.87 | 0.19 |
| | | | Sg | 55:37.04 | -0.48 |
| LANS | 111.7 | 303 | Pg | 8:55:26.28 | 0.40 |
| | | | Sg | 55:40.80 | -0.64 |
| KOLS | 117.9 | 72 | Sg | 8:55:42.80 | -0.59 |
| VYHS | 141.7 | 265 | Sn | 8:55:49.31 | -0.60 |

1608.

2021-10-27 time: 9:50:25.25 UTC ML= 1.8
 lat: 46.832N lon: 17.347E h= 0.0 km
 erh= 2.6km erz= 937km
 nr= 14 gap=138 rms=0.79
 Locality: Lesencefalu
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 40.4 | 21 | Pg | 9:50:32.49 | 0.02 |
| | | | Sg | 50:37.30 | -0.79 |
| PKST | 70.6 | 48 | Pg | 9:50:38.81 | 0.95 |
| | | | Sg | 50:47.81 | 0.12 |
| CSKK | 91.1 | 50 | Pg | 9:50:42.21 | 0.69 |
| | | | Sg | 50:53.83 | -0.38 |
| KOGS | 94.2 | 243 | Sg | 9:50:54.27 | -0.93 |
| PKSG | 100.7 | 52 | Sg | 9:50:55.87 | -1.41 |
| KOVH | 100.8 | 145 | Sg | 9:50:57.72 | 0.42 |
| | | | Pg | 9:50:47.42 | 0.60 |
| MORH | 120.8 | 125 | Pg | 9:50:47.42 | 0.60 |
| | | | Sg | 51:01.84 | -1.80 |
| PKSM | 120.8 | 125 | Pg | 9:50:47.42 | 0.59 |
| | | | Sg | 51:02.34 | -1.32 |
| PKSV | 125.8 | 146 | Sg | 9:51:04.84 | -0.41 |

1609.

2021-10-27 time: 10:15:59.86 UTC ML= 0.7
 lat: 47.205N lon: 18.291E h= 0.0 km
 erh= 1.0km erz= 136km
 nr= 6 gap=267 rms=0.09
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.7 | 352 | Pg | 10:16:02.93 | -0.10 |
| | | | Sg | 16:05.38 | -0.12 |
| PKST | 20.4 | 287 | Pg | 10:16:03.58 | 0.08 |
| | | | Sg | 16:06.28 | -0.05 |
| PKSG | 22.1 | 20 | Pg | 10:16:03.83 | 0.03 |
| | | | Sg | 16:07.03 | 0.15 |

1610.

2021-10-27 time: 11:36:30.64 UTC ML= 2.2
 lat: 46.185N lon: 16.354E h= 0.0 km
 erh= 1.5km erz= 2.8km
 nr= 13 gap=178 rms=0.41
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 30.3 | 345 | Sg | 11:36:40.54 | 0.25 |
| PTJ | 44.1 | 224 | Pg | 11:36:38.99 | 0.48 |
| | | | Sg | 36:44.35 | -0.30 |
| BEHE | 45.4 | 46 | Sg | 11:36:44.71 | -0.36 |
| GROS | 72.4 | 295 | Pg | 11:36:44.40 | 0.82 |
| | | | Sg | 36:53.44 | -0.23 |
| CRES | 80.1 | 240 | Pg | 11:36:44.55 | -0.40 |
| | | | Sg | 36:55.85 | -0.26 |
| PERS | 107.5 | 298 | Pg | 11:36:49.97 | 0.13 |
| | | | Sg | 37:05.13 | 0.31 |
| SOKA | 115.4 | 298 | Pg | 11:36:51.03 | -0.22 |
| | | | Sg | 37:06.90 | -0.42 |
| ARSA | 134.4 | 332 | Sn | 11:37:12.53 | -0.47 |

1611.

2021-10-27 time: 12:38:47.47 UTC ML= 1.7
 lat: 48.805N lon: 20.721E h= 0.0 km
 erh= 6.0km erz= 6.4km
 nr= 7 gap=250 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 39.7 | 206 | Pg | 12:38:54.71 | 0.15 |
| | | | Sg | 39:00.81 | 0.71 |
| ABAH | 68.3 | 146 | Pg | 12:38:59.84 | 0.17 |
| | | | Sg | 39:09.62 | 0.44 |
| PSZ | 116.0 | 212 | Pg | 12:39:07.25 | -0.94 |
| | | | Sg | 39:23.24 | -1.11 |
| VYHS | 143.1 | 256 | Sn | 12:39:32.91 | 1.16 |

1612.

2021-10-28 time: 7:31:25.17 UTC ML= 1.4
 lat: 47.345N lon: 17.625E h= 0.0 km
 erh= 1.8km erz= 1.6km
 nr= 12 gap=149 rms=0.58
 Locality: Csót
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 20.5 | 198 | Pg | 7:31:29.15 | 0.31 |
| | | | Sg | 31:31.73 | 0.03 |
| PKST | 32.4 | 107 | Pg | 7:31:31.04 | 0.09 |
| | | | Sg | 31:35.55 | 0.09 |
| CSKK | 48.0 | 88 | Sg | 7:31:40.27 | -0.17 |
| PKSG | 58.0 | 85 | Pg | 7:31:36.07 | 0.53 |
| | | | Sg | 31:43.88 | 0.26 |
| KOVH | 144.4 | 165 | Sn | 7:32:09.02 | -0.71 |
| CONA | 147.6 | 296 | Sn | 7:32:09.62 | -0.82 |
| MORH | 147.7 | 148 | Pn | 7:31:51.30 | 0.68 |
| | | | Sn | 32:09.32 | -1.16 |
| PKSM | 148.0 | 148 | Sn | 7:32:09.32 | -1.22 |

1613.

2021-10-28 time: 9:10:33.38 UTC ML= 1.9
 lat: 46.958N lon: 22.726E h= 0.0 km
 erh= 7.3km erz= 7.3km
 nr= 6 gap=245 rms=0.66
 Locality: Romania
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 18.5 | 184 | Pg | 9:10:37.18 | 0.49 |
| | | | Sg | 10:39.08 | -0.20 |
| CJR | 71.9 | 112 | Pg | 9:10:45.79 | -0.43 |
| SIRR | 112.1 | 227 | Pg | 9:10:53.70 | 0.30 |
| | | | Sg | 11:07.22 | -1.80 |
| BZS | 171.9 | 210 | Sn | 9:11:25.04 | 0.99 |

1614.

2021-10-28 time: 9:38:12.90 UTC ML= 2.0
 lat: 48.270N lon: 21.181E h= 0.0 km
 erh= 1.6km erz= 1.6km
 nr= 12 gap=192 rms=0.40
 Locality: Abaújszántó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 5.2 | 56 | PgU | 9:38:13.48 | -0.35 |
| | | | Sg | 38:14.48 | -0.07 |
| KECS | 56.7 | 295 | Pg | 9:38:23.27 | 0.25 |
| | | | Sg | 38:30.70 | -0.22 |
| PSZ | 103.5 | 248 | Pg | 9:38:31.40 | 0.02 |
| | | | Sg | 38:45.32 | -0.48 |
| STHS | 127.6 | 2 | Pg | 9:38:35.72 | 0.04 |
| | | | Sg | 38:52.24 | -1.22 |
| NIE | 142.8 | 333 | Pn | 9:38:38.22 | 0.49 |
| | | | Sn | 38:57.24 | 0.14 |
| LANS | 159.7 | 308 | Sn | 9:39:01.35 | 0.50 |
| VYHS | 175.5 | 278 | Sn | 9:39:05.85 | 1.49 |

1615.

2021-10-28 time: 10:29:46.27 UTC ML= 1.7
 lat: 48.446N lon: 17.318E h= 0.0 km
 erh= 1.4km erz= 336km
 nr= 5 gap=153 rms=0.16
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| MODS | 8.7 | 201 | Pg | 10:29:47.64 | -0.17 |
| | | | Sg | 29:49.10 | 0.08 |
| SMOL | 11.1 | 47 | Sg | 10:29:49.71 | -0.08 |
| KRUC | 96.4 | 315 | Pg | 10:30:03.71 | 0.23 |
| | | | Sg | 30:16.81 | -0.10 |

1616.

2021-10-28 time: 10:51:47.46 UTC ML= 1.8
 lat: 47.950N lon: 20.113E h= 0.0 km
 erh= 9.0km erz= ***km
 nr= 5 gap=229 rms=0.67
 Locality: Szajla
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 16.7 | 258 | Pg | 10:51:50.86 | 0.43 |
| | | | Sg | 51:53.62 | 0.86 |
| PENC | 64.6 | 254 | Sg | 10:52:06.83 | -1.17 |
| KECS | 65.5 | 25 | Sg | 10:52:08.10 | -0.17 |
| VYHS | 112.5 | 303 | Sg | 10:52:22.72 | -0.50 |

1617.

2021-10-28 time: 12:05:32.35 UTC ML= 1.6
 lat: 48.913N lon: 21.123E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 6 gap=136 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| STHS | 56.7 | 9 | Pg | 12:05:42.26 | -0.21 |

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 67.0 | 224 | Sg | 05:49.11 | -1.26 |
| NIE | 81.6 | 314 | Sg | 12:05:52.43 | -1.22 |
| KOLS | 84.3 | 88 | Sg | 12:05:58.98 | 0.70 |
| | | | Pg | 12:05:48.50 | 1.10 |
| | | | Sg | 05:59.08 | -0.06 |

1618.

2021-10-28 time: 12:38:33.35 UTC ML= 1.0
 lat: 46.157N lon: 17.979E h= 0.0 km
 erh= 2.1km erz= 3.0km
 nr= 10 gap=217 rms=0.33
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 12.1 | 129 | PgU | 12:38:35.71 | 0.20 |
| | | | Sg | 38:36.74 | -0.45 |
| PKSV | 36.6 | 145 | Pg | 12:38:40.09 | 0.20 |
| | | | Sg | 38:44.40 | -0.58 |
| PKSM | 51.5 | 83 | Pg | 12:38:42.89 | 0.34 |
| | | | Sg | 38:49.56 | -0.17 |
| MORH | 51.8 | 83 | Pg | 12:38:42.74 | 0.14 |
| | | | Sg | 38:49.59 | -0.22 |
| PKST | 122.6 | 2 | Sg | 12:39:11.31 | -1.00 |
| PKSG | 140.8 | 13 | Sn | 12:39:17.12 | 0.00 |

1619.

2021-10-28 time: 13:00:38.25 UTC ML= 1.5
 lat: 47.873N lon: 16.059E h= 0.0 km
 erh= 2.3km erz= 4.5km
 nr= 9 gap= 82 rms=0.87
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.0 | 293 | Pg | 13:00:41.66 | 0.55 |
| | | | Sg | 00:44.47 | 1.14 |
| RONA | 26.2 | 137 | Pg | 13:00:43.36 | 0.42 |
| | | | Sg | 00:47.27 | 0.68 |
| ARSA | 80.1 | 210 | Pg | 13:00:52.70 | 0.14 |
| | | | Sg | 01:01.99 | -1.73 |
| MODS | 106.4 | 58 | Sg | 13:01:12.24 | 0.16 |
| KRUC | 134.5 | 11 | Pn | 13:01:01.13 | -0.93 |
| | | | Sn | 01:18.55 | -2.07 |

1620.

2021-10-29 time: 8:50:43.44 UTC ML= 1.9
 lat: 46.896N lon: 17.322E h= 0.0 km
 erh= 1.5km erz= 2.9km
 nr= 31 gap= 74 rms=0.87
 Locality: Várvölgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 34.7 | 29 | Pg | 8:50:50.21 | 0.57 |
| | | | Sg | 50:54.63 | 0.16 |
| TIH | 43.6 | 89 | Sg | 8:50:59.05 | 1.76 |
| EGYH | 57.9 | 1 | Sg | 8:51:01.96 | 0.10 |
| BEHE | 63.1 | 221 | Sg | 8:51:04.27 | 0.76 |
| PKST | 67.5 | 53 | Pg | 8:50:56.33 | 0.83 |
| | | | Sg | 51:04.45 | -0.45 |
| PKS9 | 80.8 | 115 | Pg | 8:50:59.65 | 1.77 |
| | | | Sg | 51:08.79 | -0.35 |
| CSKK | 88.2 | 54 | Pg | 8:50:59.85 | 0.67 |
| | | | Sg | 51:10.48 | -0.98 |
| KOGS | 95.9 | 239 | Pg | 8:51:01.04 | 0.47 |
| | | | Sg | 51:13.09 | -0.84 |
| PKSG | 98.1 | 56 | Pg | 8:51:01.05 | 0.10 |
| | | | Sg | 51:12.80 | -1.81 |
| SOP | 104.8 | 327 | Sg | 8:51:15.82 | -0.95 |
| PKB4 | 107.7 | 114 | Sg | 8:51:17.12 | -0.55 |
| KOVH | 107.9 | 146 | Pg | 8:51:02.76 | 0.06 |

Hypocenter Parameters

Földregés paraméterek

| | | | | | | | | | |
|------|-------|-----|----------|------------|-------|--|--|--|--|
| | | Sg | 51:17.42 | -0.31 | | | | | |
| PKB1 | 112.9 | 96 | Pg | 8:51:03.67 | 0.07 | | | | |
| | | | Sg | 51:18.33 | -0.99 | | | | |
| RONA | 118.3 | 319 | Sg | 8:51:18.83 | -2.21 | | | | |
| MORH | 126.5 | 127 | Pg | 8:51:06.08 | 0.04 | | | | |
| | | | Sg | 51:22.24 | -1.42 | | | | |
| PKSM | 126.6 | 127 | Pg | 8:51:06.18 | 0.13 | | | | |
| | | | Sg | 51:22.95 | -0.74 | | | | |
| PKSV | 132.9 | 147 | Pn | 8:51:06.58 | -0.47 | | | | |
| | | | Sn | 51:23.75 | -1.72 | | | | |
| ARSA | 142.2 | 286 | Pn | 8:51:09.49 | 1.29 | | | | |
| | | | Sn | 51:26.86 | -0.65 | | | | |
| GROS | 147.4 | 251 | Sn | 8:51:27.36 | -1.32 | | | | |

1621.

2021-10-29 time: 9:20:05.84 UTC ML= 1.6
 lat: 47.707N lon: 18.706E h= 0.0 km
 erh= 1.8km erz= 890km
 nr= 16 gap= 74 rms=0.78
 Locality: Csolnok
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SRO | 31.8 | 292 | Sg | 9:20:16.88 | | | 0.95 |
| BUD | 34.4 | 136 | Sg | 9:20:16.90 | | | 0.11 |
| PBUD | 35.3 | 139 | Sg | 9:20:17.89 | | | 0.81 |
| PKSG | 42.3 | 214 | Pg | 9:20:14.49 | | | 1.09 |
| | | | Sg | 20:19.24 | | | -0.05 |
| PENC | 44.2 | 78 | Sg | 9:20:20.24 | | | 0.36 |
| CSKK | 50.8 | 221 | Sg | 9:20:22.02 | | | 0.02 |
| PKST | 71.0 | 225 | Sg | 9:20:27.95 | | | -0.46 |
| VYHS | 88.1 | 6 | Sg | 9:20:32.87 | | | -0.97 |
| PSZ | 92.1 | 75 | Pg | 9:20:22.75 | | | 0.47 |
| | | | Sg | 20:34.50 | | | -0.61 |
| PKB1 | 102.7 | 176 | Sg | 9:20:37.49 | | | -1.01 |
| MPLH | 106.3 | 236 | Pg | 9:20:25.32 | | | 0.49 |
| | | | Sg | 20:38.49 | | | -1.15 |
| EGYH | 108.3 | 253 | Sg | 9:20:39.42 | | | -0.85 |
| PKB2 | 121.7 | 161 | Sg | 9:20:43.01 | | | -1.53 |

1622.

2021-10-29 time: 12:46:17.40 UTC ML= 2.0
 lat: 46.103N lon: 21.725E h= 0.0 km
 erh= 3.6km erz= 6.0km
 nr= 10 gap=156 rms=1.05
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| SIRR | 19.0 | 345 | Pg | 12:46:20.53 | | | -0.27 |
| | | | Sg | 46:23.14 | | | -0.31 |
| BZS | 54.7 | 189 | Pg | 12:46:26.96 | | | -0.21 |
| | | | Sg | 46:34.09 | | | -0.69 |
| DRGR | 107.7 | 45 | Pg | 12:46:37.20 | | | 0.56 |
| | | | Sg | 46:49.85 | | | -1.80 |
| GZR | 113.6 | 134 | Pg | 12:46:38.00 | | | 0.31 |
| | | | Sg | 46:51.86 | | | -1.66 |
| CJR | 159.2 | 65 | Pn | 12:46:47.04 | | | 2.75 |
| | | | Sn | 47:06.52 | | | 1.26 |

1623.

2021-10-29 time: 15:01:40.59 UTC ML= 1.8
 lat: 47.597N lon: 16.332E h= 0.0 km
 erh= 1.9km erz= 3.5km
 nr= 18 gap= 79 rms=0.80
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| RONA | 11.8 | 347 | PgU | 15:01:43.17 | | | 0.48 |
| | | | Sg | 01:44.62 | | | 0.29 |
| SOP | 19.6 | 60 | Pg | 15:01:43.97 | | | -0.12 |

| | | | | | | | | | |
|------|-------|-----|----|-------------|-------|--|--|--|--|
| | | | Sg | 01:46.73 | -0.08 | | | | |
| CONA | 51.0 | 316 | Pg | 15:01:50.25 | 0.55 | | | | |
| | | | Sg | 01:56.17 | -0.64 | | | | |
| ARSA | 72.1 | 238 | Pg | 15:01:54.82 | 1.35 | | | | |
| | | | Sg | 02:01.69 | -1.82 | | | | |
| MPLH | 102.8 | 117 | Pg | 15:01:59.33 | 0.39 | | | | |
| | | | Sg | 02:12.89 | -0.37 | | | | |
| MODS | 111.6 | 39 | Pg | 15:02:00.79 | 0.27 | | | | |
| | | | Sg | 02:15.50 | -0.56 | | | | |
| KOGS | 127.8 | 183 | Pg | 15:02:03.49 | 0.08 | | | | |
| | | | Sg | 02:19.70 | -1.52 | | | | |
| GROS | 141.1 | 207 | Pn | 15:02:05.95 | 0.73 | | | | |
| | | | Sn | 02:22.77 | -1.66 | | | | |
| KRUC | 163.0 | 2 | Pn | 15:02:07.07 | -0.88 | | | | |
| | | | Sn | 02:26.85 | -2.44 | | | | |

1624.

2021-10-31 time: 20:31:16.47 UTC ML= 0.9
 lat: 47.683N lon: 16.034E h= 11.6 km
 erh= 1.6km erz= 1.4km
 nr= 14 gap=116 rms=0.53
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 19.8 | 85 | Pg | 20:31:20.82 | | | 0.25 |
| | | | Sg | 31:23.31 | | | -0.46 |
| CONA | 30.2 | 335 | Pg | 20:31:22.85 | | | 0.60 |
| | | | Sg | 31:26.24 | | | -0.51 |
| SOP | 39.4 | 90 | Sg | 20:31:29.14 | | | -0.38 |
| WINA | 47.3 | 4 | Pg | 20:31:25.58 | | | 0.41 |
| | | | Sg | 31:31.70 | | | -0.25 |
| ARSA | 61.6 | 219 | Pg | 20:31:27.71 | | | 0.06 |
| | | | Sg | 31:35.17 | | | -1.21 |
| EGYH | 102.1 | 107 | S* | 20:31:48.72 | | | -0.12 |
| ABNA | 118.6 | 338 | Pn | 20:31:37.68 | | | 0.88 |
| | | | Sn | 31:51.50 | | | -1.16 |
| MODS | 120.5 | 50 | Sn | 20:31:52.90 | | | -0.17 |
| PERS | 135.6 | 211 | Sn | 20:31:56.52 | | | 0.09 |

1625.

2021-11-01 time: 9:05:26.28 UTC ML= 1.7
 lat: 46.039N lon: 22.795E h= 0.0 km
 erh= 2.0km erz= 4.1km
 nr= 12 gap=115 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DEV | 19.2 | 154 | Pg | 9:05:30.06 | | | 0.35 |
| | | | Sg | 05:32.17 | | | -0.22 |
| GZR | 71.7 | 181 | Pg | 9:05:39.25 | | | 0.16 |
| | | | Sg | 05:48.23 | | | -0.86 |
| DRGR | 84.0 | 356 | Pg | 9:05:41.71 | | | 0.43 |
| | | | Sg | 05:51.80 | | | -1.17 |
| SIRR | 91.3 | 286 | Pg | 9:05:43.16 | | | 0.57 |
| | | | Sg | 05:55.11 | | | -0.20 |
| BZS | 102.9 | 243 | Pg | 9:05:44.67 | | | 0.02 |
| | | | Sg | 05:57.77 | | | -1.21 |
| VOIR | 187.8 | 111 | Pn | 9:05:57.07 | | | 0.34 |
| | | | Sn | 06:19.76 | | | -0.72 |

1626.

2021-11-01 time: 10:53:42.10 UTC ML= 1.6
 lat: 46.022N lon: 22.805E h= 0.0 km
 erh= 2.3km erz= 4.7km
 nr= 12 gap=115 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|-----|------|-----|-------|-------------|----|-----|------|
| DEV | 17.2 | 154 | Pg | 10:53:45.85 | | | 0.67 |

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| | | | Sg | 53:47.84 | | 0.26 | |
| GZR | 70.0 | 182 | Pg | 10:53:55.05 | | 0.46 | |
| | | | Sg | 54:02.85 | | -1.49 | |
| DRGR | 85.8 | 355 | Pg | 10:53:58.04 | | 0.62 | |
| | | | Sg | 54:08.57 | | -0.80 | |
| SIRR | 92.6 | 287 | Pg | 10:53:58.31 | | -0.32 | |
| | | | Sg | 54:11.07 | | -0.46 | |
| BZS | 102.8 | 244 | Pg | 10:54:01.19 | | 0.74 | |
| | | | Sg | 54:13.84 | | -0.93 | |
| VOIR | 186.5 | 110 | Pn | 10:54:11.49 | | -0.89 | |
| | | | Sn | 54:35.53 | | -0.47 | |

1627.

2021-11-02 time: 8:35:05.33 UTC ML= 1.3
 lat: 48.089N lon: 20.720E h= 0.0 km
 erh= 3.2km erz= 694km
 nr= 6 gap=194 rms=0.43
 Locality: Miskolctapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| ABAH | 45.0 | 59 | Pg | 8:35:13.77 | | 0.42 | |
| | | | Sg | 35:19.23 | | -0.39 | |
| KECS | 47.2 | 338 | Pg | 8:35:14.12 | | 0.37 | |
| | | | Sg | 35:19.59 | | -0.72 | |
| PSZ | 64.5 | 253 | Pg | 8:35:16.88 | | 0.04 | |
| | | | Sg | 35:25.16 | | -0.65 | |

1628.

2021-11-02 time: 9:26:42.08 UTC ML= 1.5
 lat: 48.621N lon: 20.705E h= 0.0 km
 erh= 3.4km erz= 5.4km
 nr= 10 gap=120 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| KECS | 22.3 | 227 | Pg | 9:26:46.51 | | 0.46 | |
| | | | Sg | 26:49.22 | | 0.07 | |
| ABAH | 53.5 | 132 | Pg | 9:26:52.18 | | 0.54 | |
| | | | Sg | 26:59.66 | | 0.57 | |
| STHS | 96.9 | 24 | Sg | 9:27:12.97 | | 0.09 | |
| PSZ | 98.6 | 218 | Pg | 9:26:59.76 | | 0.08 | |
| | | | Sg | 27:11.36 | | -2.05 | |
| KOLS | 120.4 | 73 | Sg | 9:27:18.09 | | -2.25 | |
| VYHS | 138.7 | 264 | Pn | 9:27:06.54 | | 0.14 | |
| | | | Sn | 27:24.67 | | -0.71 | |

1629.

2021-11-02 time: 11:00:41.53 UTC ML= 1.5
 lat: 47.856N lon: 19.125E h= 0.0 km
 erh= 3.6km erz= 499km
 nr= 5 gap=221 rms=0.23
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| PENC | 13.8 | 122 | Pg | 11:00:44.01 | | 0.01 | |
| | | | Sg | 00:45.65 | | -0.27 | |
| PSZ | 58.0 | 83 | Pg | 11:00:52.21 | | 0.33 | |
| | | | Sg | 00:59.72 | | -0.24 | |
| VYHS | 74.1 | 343 | Sg | 11:01:04.95 | | -0.14 | |

1630.

2021-11-02 time: 11:41:52.79 UTC ML= 1.5
 lat: 47.883N lon: 19.159E h= 0.0 km
 erh= 2.7km erz= 586km
 nr= 6 gap=202 rms=0.34
 Locality: Nőtincs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| PENC | 13.8 | 138 | Pg | 11:41:55.00 | | -0.26 | |
| | | | Sg | 41:56.99 | | -0.19 | |
| PSZ | 55.1 | 86 | Pg | 11:42:03.13 | | 0.50 | |
| | | | Sg | 42:10.49 | | 0.18 | |
| VYHS | 72.0 | 341 | Sg | 11:42:15.73 | | 0.05 | |
| KECS | 119.1 | 56 | Sg | 11:42:30.10 | | -0.54 | |

1631.

2021-11-02 time: 13:20:19.45 UTC ML= 1.3
 lat: 47.955N lon: 16.059E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 8 gap=113 rms=0.72
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| CONA | 15.0 | 259 | Pg | 13:20:22.21 | | 0.08 | |
| | | | Sg | 20:24.67 | | 0.45 | |
| RONA | 33.5 | 148 | Pg | 13:20:25.02 | | -0.41 | |
| | | | Sg | 20:29.66 | | -0.43 | |
| MODS | 101.9 | 63 | Pg | 13:20:38.75 | | 1.10 | |
| | | | Sg | 20:52.29 | | 0.45 | |
| KRUC | 125.6 | 11 | Pg | 13:20:41.31 | | -0.56 | |
| | | | Sg | 20:57.11 | | -2.25 | |

1632.

2021-11-02 time: 23:46:21.44 UTC ML= 1.4
 lat: 45.914N lon: 16.027E h= 3.9 km
 erh= 2.4km erz= 4.1km
 nr= 8 gap=179 rms=0.36
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| PTJ | 5.6 | 254 | Pg | 23:46:22.60 | | -0.06 | |
| | | | Sg | 46:23.80 | | 0.19 | |
| ZAG | 9.8 | 195 | Pg | 23:46:23.28 | | -0.04 | |
| | | | Sg | 46:24.51 | | -0.28 | |
| CREG | 45.3 | 258 | Pg | 23:46:29.85 | | 0.28 | |
| | | | Sg | 46:34.92 | | -0.98 | |
| KOGS | 61.9 | 16 | Pg | 23:46:32.92 | | 0.41 | |
| | | | Sg | 46:40.57 | | -0.57 | |

1633.

2021-11-03 time: 9:11:22.89 UTC ML= 1.9
 lat: 48.713N lon: 18.707E h= 0.0 km
 erh= 2.5km erz= 3.8km
 nr= 13 gap= 84 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| VYHS | 26.1 | 159 | Pg | 9:11:28.01 | | 0.46 | |
| | | | Sg | 11:31.63 | | 0.45 | |
| LANS | 74.1 | 49 | Pg | 9:11:36.82 | | 0.71 | |
| | | | Sg | 11:44.88 | | -1.54 | |
| A338 | 81.9 | 199 | Sg | 9:11:48.60 | | -0.31 | |
| SMOL | 96.8 | 257 | Sg | 9:11:53.82 | | 0.17 | |
| PENC | 111.1 | 157 | Sg | 9:11:57.13 | | -1.06 | |
| MODS | 112.1 | 250 | Sg | 9:11:58.74 | | 0.23 | |
| PSZ | 124.7 | 135 | Pg | 9:11:44.36 | | -0.80 | |
| NIE | 141.3 | 56 | Pn | 9:11:49.07 | | 1.54 | |
| MORC | 145.6 | 324 | Pn | 9:11:47.77 | | -0.30 | |
| | | | Sn | 12:06.67 | | -1.05 | |
| PKSG | 148.7 | 189 | Sn | 9:12:08.38 | | -0.03 | |

Hypocenter Parameters

Földrengés paraméterek

1634.

2021-11-03 time: 9:26:10.08 UTC ML= 0.9
 lat: 47.556N lon: 18.696E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 8 gap=123 rms=0.75
 Locality: Zsámbék
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BUD | 26.0 | 108 | Sg | 9:26:18.20 | -0.14 |
| PKSG | 29.4 | 232 | Pg | 9:26:16.34 | 1.01 |
| | | | Sg | 26:19.81 | 0.39 |
| CSKK | 39.2 | 237 | Sg | 9:26:22.57 | 0.02 |
| PKST | 59.9 | 236 | Sg | 9:26:28.17 | -0.94 |
| MPLH | 97.3 | 244 | Sg | 9:26:39.56 | -1.46 |
| PSZ | 98.5 | 66 | Sg | 9:26:41.57 | 0.18 |
| VYHS | 104.8 | 6 | Sg | 9:26:43.08 | -0.31 |

1635.

2021-11-03 time: 9:53:23.21 UTC ML= 1.6
 lat: 47.012N lon: 17.850E h= 0.0 km
 erh= 1.5km erz= 6.0km
 nr= 17 gap= 80 rms=0.61
 Locality: Hidegkút
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| TIH | 12.9 | 165 | Pg | 9:53:25.40 | -0.11 |
| | | | Sg | 53:28.32 | 1.02 |
| MPLH | 29.4 | 307 | Pg | 9:53:28.96 | 0.51 |
| | | | Sg | 53:32.57 | 0.03 |
| PKST | 30.8 | 27 | Pg | 9:53:28.96 | 0.25 |
| | | | Sg | 53:33.04 | 0.03 |
| CSKK | 49.9 | 39 | Sg | 9:53:38.30 | -0.78 |
| PKSG | 58.9 | 44 | Sg | 9:53:41.06 | -0.85 |
| PKB1 | 76.2 | 109 | Sg | 9:53:48.14 | 0.72 |
| PKB5 | 82.0 | 124 | Sg | 9:53:49.45 | 0.18 |
| KOVH | 104.5 | 169 | Pg | 9:53:41.62 | -0.24 |
| | | | Sg | 53:56.48 | 0.07 |
| MORH | 107.4 | 145 | Pg | 9:53:42.87 | 0.48 |
| | | | Sg | 53:56.23 | -1.12 |
| PKSM | 107.7 | 146 | Pg | 9:53:42.72 | 0.29 |
| | | | Sg | 53:55.88 | -1.55 |
| KOGS | 137.4 | 243 | Sn | 9:54:04.28 | -1.93 |

1636.

2021-11-03 time: 10:26:19.05 UTC ML= 1.0
 lat: 47.233N lon: 18.247E h= 0.0 km
 erh= 5.2km erz= 699km
 nr= 7 gap=231 rms=0.47
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 14.5 | 4 | Pg | 10:26:22.12 | 0.48 |
| | | | Sg | 26:23.67 | 0.01 |
| PKST | 16.4 | 280 | Pg | 10:26:22.36 | 0.39 |
| | | | Sg | 26:24.48 | 0.23 |
| PKSG | 20.7 | 32 | Pg | 10:26:22.51 | -0.24 |
| | | | Sg | 26:24.90 | -0.74 |
| MPLH | 54.1 | 263 | Sg | 10:26:35.31 | -0.93 |

1637.

2021-11-03 time: 11:23:54.90 UTC ML= 1.5
 lat: 48.604N lon: 20.745E h= 0.0 km
 erh= 3.2km erz= 6.0km
 nr= 11 gap= 91 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.4 | 235 | Pg | 11:23:59.51 | 0.43 |
| | | | Sg | 24:02.42 | 0.07 |
| ABAH | 50.1 | 133 | Pg | 11:24:03.83 | -0.02 |
| | | | Sg | 24:10.30 | -0.53 |
| NIE | 95.9 | 341 | Pg | 11:24:12.41 | 0.38 |
| PSZ | 99.0 | 220 | Pg | 11:24:13.17 | 0.59 |
| | | | Sg | 24:25.87 | -0.51 |
| LANS | 111.7 | 303 | Sg | 11:24:28.53 | -1.86 |
| KOLS | 118.1 | 72 | Sg | 11:24:31.24 | -1.21 |
| VYHS | 141.5 | 265 | Pn | 11:24:20.80 | 1.23 |
| | | | Sn | 24:36.41 | -2.41 |

1638.

2021-11-03 time: 14:26:01.69 UTC ML= 1.5
 lat: 45.619N lon: 17.694E h= 16.5 km
 erh= 4.5km erz= 1.5km
 nr= 11 gap=222 rms=0.40
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 52.8 | 55 | Pg | 14:26:11.36 | -0.20 |
| | | | Sg | 26:19.53 | 0.26 |
| KOVH | 61.0 | 31 | Pg | 14:26:13.08 | 0.11 |
| | | | Sg | 26:19.72 | -2.05 |
| PKSM | 98.7 | 48 | P* | 14:26:18.82 | -0.08 |
| | | | S* | 26:31.92 | -0.41 |
| MORH | 99.2 | 48 | Pn | 14:26:19.33 | 0.36 |
| | | | Sn | 26:32.57 | 0.11 |
| PTJ | 138.6 | 283 | Sn | 14:26:40.35 | -0.86 |
| KOGS | 144.9 | 310 | Sn | 14:26:43.16 | 0.56 |
| CRES | 175.7 | 278 | Sn | 14:26:49.80 | 0.37 |

1639.

2021-11-03 time: 14:40:51.50 UTC ML= 1.2
 lat: 47.870N lon: 16.074E h= 0.0 km
 erh= 1.3km erz= 2.2km
 nr= 7 gap=128 rms=0.78
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 17.1 | 292 | Pg | 14:40:55.12 | 0.56 |
| | | | Sg | 40:57.43 | 0.49 |
| RONA | 25.3 | 139 | Pg | 14:40:56.53 | 0.52 |
| | | | Sg | 40:59.93 | 0.40 |
| ARSA | 80.4 | 211 | Sg | 14:41:15.89 | -1.17 |
| KRUC | 134.6 | 10 | Pn | 14:41:14.99 | -0.33 |
| | | | Sn | 41:31.71 | -2.19 |

1640.

2021-11-03 time: 15:09:46.06 UTC ML= 0.8
 lat: 47.605N lon: 18.410E h= 0.0 km
 erh= 4.1km erz= 549km
 nr= 6 gap=166 rms=0.35
 Locality: Vértesszőlős
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 23.7 | 183 | Pg | 15:09:50.31 | 0.02 |
| | | | Sg | 09:53.07 | -0.53 |
| CSKK | 29.1 | 203 | Sg | 15:09:55.18 | -0.14 |
| PKST | 47.8 | 216 | Pg | 15:09:55.13 | 0.55 |
| | | | Sg | 10:00.90 | -0.34 |
| VYHS | 103.9 | 18 | Sg | 15:10:18.98 | -0.09 |

Földrengés paraméterek

Hypocenter Parameters

1641.

2021-11-03 time: 15:18:34.66 UTC ML= 1.0
 lat: 47.547N lon: 18.508E h= 0.0 km
 erh= 3.0km erz= 4.9km
 nr= 10 gap=163 rms=0.60
 Locality: Szárliget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 19.3 | 207 | Pg | 15:18:38.76 | 0.65 |
| | | | Sg | 18:41.22 | 0.41 |
| CSKK | 27.6 | 222 | Pg | 15:18:40.16 | 0.56 |
| | | | Sg | 18:43.48 | 0.03 |
| SRO | 33.1 | 334 | Sg | 15:18:45.53 | 0.36 |
| PKST | 48.0 | 228 | Sg | 15:18:49.10 | -0.81 |
| MPLH | 84.3 | 240 | Sg | 15:19:00.65 | -0.80 |
| VYHS | 108.2 | 13 | Pg | 15:18:53.52 | -0.45 |
| | | | Sg | 19:08.98 | -0.06 |
| MORH | 148.3 | 176 | Sn | 15:19:18.72 | -1.37 |

1642.

2021-11-04 time: 8:41:27.74 UTC ML= 1.8
 lat: 48.397N lon: 21.342E h= 0.0 km
 erh= 6.2km erz= 6.2km
 nr= 6 gap=295 rms=0.58
 Locality: Regéc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 13.6 | 214 | Pg | 8:41:30.40 | 0.23 |
| | | | Sg | 41:32.71 | 0.64 |
| KECS | 64.1 | 279 | Sg | 8:41:48.17 | 0.06 |
| PSZ | 120.2 | 244 | Pg | 8:41:48.67 | -0.53 |
| | | | Sg | 42:05.08 | -0.86 |
| VYHS | 185.7 | 273 | Sn | 8:42:22.82 | 1.34 |

1643.

2021-11-04 time: 9:31:19.05 UTC ML= 1.7
 lat: 47.627N lon: 16.243E h= 0.0 km
 erh= 1.4km erz= 2.2km
 nr= 9 gap=175 rms=0.25
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| RONA | 9.0 | 26 | PgU | 9:31:20.73 | 0.07 |
| | | | Sg | 31:21.97 | 0.06 |
| CONA | 44.1 | 320 | Pg | 9:31:27.06 | 0.15 |
| | | | Sg | 31:32.91 | -0.14 |
| ARSA | 68.6 | 232 | Sg | 9:31:40.71 | -0.13 |
| MODS | 113.4 | 43 | Pg | 9:31:39.54 | 0.25 |
| | | | Sg | 31:54.47 | -0.61 |
| PERS | 139.4 | 218 | Sn | 9:32:02.43 | -0.09 |
| KRUC | 160.0 | 4 | Sn | 9:32:04.84 | -2.23* |

1644.

2021-11-04 time: 10:02:43.69 UTC ML= 1.4
 lat: 48.548N lon: 19.378E h= 0.0 km
 erh= 2.3km erz= 5.3km
 nr= 11 gap=104 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 40.5 | 261 | Pg | 10:02:51.22 | 0.30 |
| | | | Sg | 02:55.94 | -0.62 |
| LANS | 67.3 | 6 | Sg | 10:03:04.57 | -0.52 |
| PSZ | 79.8 | 151 | Pg | 10:02:58.85 | 0.90 |
| | | | Sg | 03:08.59 | -0.47 |
| KECS | 82.1 | 95 | Pg | 10:02:58.45 | 0.09 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 03:09.09 | -0.71 |
| PENC | 84.5 | 185 | Sg | 10:03:09.59 | -0.97 |
| NIE | 118.6 | 35 | Pg | 10:03:05.88 | 1.01 |
| | | | Sg | 03:19.94 | -1.44 |
| ABAH | 140.6 | 101 | Sn | 10:03:27.47 | 0.06 |

1645.

2021-11-04 time: 10:22:14.78 UTC ML= 0.7
 lat: 48.451N lon: 19.173E h= 0.0 km
 erh= 2.2km erz= 5.0km
 nr= 8 gap=95 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 25.4 | 281 | Pg | 10:22:19.96 | 0.65 |
| | | | Sg | 22:23.09 | 0.25 |
| PENC | 73.9 | 174 | Sg | 10:22:37.94 | -0.33 |
| PSZ | 79.9 | 138 | Sg | 10:22:39.74 | -0.45 |
| LANS | 80.7 | 16 | Pg | 10:22:29.50 | 0.30 |
| | | | Sg | 22:39.16 | -1.28 |
| KECS | 97.1 | 88 | Sg | 10:22:46.32 | 0.66 |
| MODS | 140.6 | 266 | Sn | 10:22:57.18 | -1.33 |

1646.

2021-11-04 time: 10:33:42.32 UTC ML= 1.8
 lat: 48.638N lon: 21.486E h= 0.0 km
 erh= 2.3km erz= 3.8km
 nr= 16 gap=80 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 42.2 | 206 | Pg | 10:33:50.23 | 0.37 |
| | | | Sg | 33:56.21 | 0.48 |
| KOLS | 66.5 | 60 | Pg | 10:33:54.83 | 0.63 |
| | | | Sg | 34:01.84 | -1.63 |
| KECS | 75.8 | 257 | Pg | 10:33:55.64 | -0.22 |
| | | | Sg | 34:05.08 | -1.34 |
| STHS | 88.3 | 348 | Pg | 10:33:58.56 | 0.46 |
| | | | Sg | 34:10.23 | -0.18 |
| TRPA | 96.3 | 126 | Pg | 10:34:00.09 | 0.56 |
| | | | Sg | 34:12.14 | -0.80 |
| NIE | 122.0 | 315 | Pg | 10:34:03.14 | -0.97 |
| | | | Sg | 34:18.84 | -2.26 |
| PSZ | 142.7 | 236 | Pn | 10:34:07.12 | -0.03 |
| | | | Sn | 34:25.87 | -0.64 |
| LANS | 158.5 | 291 | Pn | 10:34:10.94 | 1.81 |
| | | | Sn | 34:31.49 | 1.46 |

1647.

2021-11-04 time: 11:00:28.61 UTC ML= 1.8
 lat: 48.140N lon: 16.923E h= 0.0 km
 erh= 2.0km erz= 2.4km
 nr= 9 gap=178 rms=0.42
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.0 | 45 | Pg | 11:00:35.14 | -0.07 |
| | | | Sg | 00:40.06 | -0.30 |
| RONA | 67.8 | 224 | Pg | 11:00:40.56 | -0.15 |
| | | | Sg | 00:49.80 | -0.35 |
| CONA | 82.6 | 253 | Sg | 11:00:54.70 | -0.16 |
| KRUC | 109.7 | 339 | Pg | 11:00:48.48 | 0.29 |
| | | | Sg | 01:02.23 | -1.24 |
| ARSA | 144.3 | 227 | Pn | 11:00:54.35 | 0.72 |
| | | | Sn | 01:13.52 | 0.36 |

Hypocenter Parameters

Földrengés paraméterek

1648.

2021-11-05 time: 8:34:38.01 UTC ML= 1.6
 lat: 48.446N lon: 19.593E h= 0.0 km
 erh= 3.7km erz= 897km
 nr= 9 gap=194 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 62.8 | 159 | Pg | 8:34:49.20 | -0.03 |
| | | | Sg | 34:57.19 | -0.80 |
| KECS | 66.2 | 86 | Pg | 8:34:50.56 | 0.74 |
| | | | Sg | 34:59.39 | 0.35 |
| LANS | 78.8 | 353 | Sg | 8:35:02.41 | -0.66 |
| NIE | 120.3 | 26 | Pg | 8:35:00.10 | 0.60 |
| | | | Sg | 35:15.11 | -1.15 |
| ABAH | 123.1 | 98 | Pg | 8:35:00.30 | 0.30 |
| | | | Sg | 35:15.82 | -1.33 |

1649.

2021-11-05 time: 9:10:25.30 UTC ML= 1.2
 lat: 48.501N lon: 20.724E h= 0.0 km
 erh= 1.7km erz= 245km
 nr= 5 gap=217 rms=0.12
 Locality: Bódvarákó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 17.7 | 264 | Pg | 9:10:28.48 | 0.02 |
| | | | Sg | 10:31.05 | 0.13 |
| ABAH | 44.5 | 121 | Pg | 9:10:33.15 | -0.09 |
| | | | Sg | 10:39.63 | 0.20 |
| PSZ | 89.4 | 224 | Sg | 9:10:53.54 | -0.17 |

1650.

2021-11-05 time: 10:21:17.87 UTC ML= 0.8
 lat: 47.240N lon: 18.252E h= 0.0 km
 erh= 1.2km erz= 2.5km
 nr= 7 gap=219 rms=0.14
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 13.7 | 3 | Pg | 10:21:20.20 | -0.13 |
| | | | Sg | 21:22.31 | 0.07 |
| PKST | 16.6 | 277 | Pg | 10:21:20.98 | 0.14 |
| | | | Sg | 21:23.02 | -0.13 |
| PKSG | 19.9 | 32 | Pg | 10:21:21.43 | 0.00 |
| | | | Sg | 21:24.32 | 0.12 |
| PSZ | 144.8 | 59 | Sn | 10:22:01.73 | -0.80 |

1651.

2021-11-05 time: 22:48:21.47 UTC ML= 1.2
 lat: 47.951N lon: 20.328E h= 2.9 km
 erh= 2.2km erz=35.1km
 nr= 6 gap=203 rms=0.64
 Locality: Egerbakta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 32.6 | 264 | Pg | 22:48:27.17 | -0.14 |
| | | | Sg | 48:30.86 | -1.01 |
| KECS | 60.3 | 11 | Pg | 22:48:32.92 | 0.68 |
| | | | Sg | 48:39.81 | -0.84 |
| ABAH | 77.9 | 61 | Pg | 22:48:36.03 | 0.64 |
| | | | Sg | 48:45.70 | -0.55 |

1652.

2021-11-06 time: 9:13:58.61 UTC ML= 1.4
 lat: 47.315N lon: 18.473E h= 0.0 km
 erh= 2.1km erz= 3.3km
 nr= 11 gap=116 rms=0.62
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 10.6 | 324 | PgU | 9:14:00.77 | 0.27 |
| | | | Sg | 14:01.17 | -0.80 |
| CSKK | 16.9 | 289 | Pg | 9:14:02.45 | 0.82 |
| | | | Sg | 14:03.96 | -0.03 |
| PKST | 33.7 | 259 | Pg | 9:14:04.73 | 0.10 |
| | | | Sg | 14:08.07 | -1.26 |
| MORH | 122.9 | 174 | Sg | 9:14:37.72 | 0.05 |
| PKSM | 123.3 | 174 | Sg | 9:14:37.82 | 0.02 |
| PSZ | 126.2 | 58 | Sg | 9:14:38.58 | -0.15 |
| VYHS | 133.9 | 12 | Sn | 9:14:39.38 | -1.47 |
| KOVH | 139.3 | 192 | Sn | 9:14:42.64 | 0.59 |

1653.

2021-11-06 time: 9:22:09.78 UTC ML= 0.9
 lat: 46.155N lon: 18.304E h= 0.0 km
 erh= 1.4km erz= 293km
 nr= 8 gap=191 rms=0.23
 Locality: Vasas
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 17.5 | 245 | PgU | 9:22:12.75 | -0.15 |
| | | | Sg | 22:14.96 | -0.37 |
| PKSM | 26.8 | 76 | Pg | 9:22:14.71 | 0.15 |
| | | | Sg | 22:18.07 | -0.22 |
| MORH | 27.1 | 76 | Pg | 9:22:14.81 | 0.19 |
| | | | Sg | 22:17.97 | -0.42 |
| PKSV | 29.9 | 188 | Pg | 9:22:15.36 | 0.24 |
| | | | Sg | 22:19.38 | 0.09 |

1654.

2021-11-08 time: 8:58:11.77 UTC ML= 1.8
 lat: 48.613N lon: 17.493E h= 0.0 km
 erh= 0.8km erz= 1.1km
 nr= 16 gap= 96 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 12.0 | 203 | Pg | 8:58:14.51 | 0.60 |
| | | | Sg | 58:15.64 | 0.06 |
| MODS | 31.0 | 211 | Pg | 8:58:17.68 | 0.38 |
| | | | Sg | 58:21.67 | 0.05 |
| ZST | 54.6 | 212 | Sg | 8:58:29.20 | 0.08 |
| | | | Pg | 8:58:28.92 | 0.22 |
| KRUC | 94.8 | 302 | Sg | 58:42.14 | 0.24 |
| | | | Pg | 8:58:29.93 | 0.29 |
| VYHS | 100.1 | 98 | Sg | 58:43.58 | 0.00 |
| | | | Pg | 8:58:34.71 | -0.19 |
| MORC | 129.5 | 2 | Sg | 58:51.67 | -1.27 |
| | | | Pn | 8:58:35.15 | -0.49 |
| RONA | 135.0 | 221 | Sn | 58:53.37 | -0.89 |
| | | | Pn | 8:58:36.70 | 0.06 |
| CONA | 143.0 | 238 | Sn | 58:54.88 | -1.15 |
| | | | Sn | 8:58:58.11 | -0.78 |
| PKST | 155.9 | 165 | Sn | 8:58:58.11 | -0.78 |

Földrengés paraméterek

Hypocenter Parameters

1655.

2021-11-08 time: 8:59:48.49 UTC ML= 1.4
 lat: 47.155N lon: 18.099E h= 0.0 km
 erh= 2.0km erz= 341km
 nr= 7 gap=232 rms=0.23
 Locality: Öskü
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKST | 12.6 | 337 | Pg | 8:59:50.37 | | | -0.37 |
| | | | Sg | 59:52.69 | | | 0.19 |
| CSKK | 26.2 | 28 | Pg | 8:59:53.04 | | | -0.14 |
| | | | Sg | 59:57.27 | | | 0.44 |
| PKSG | 34.4 | 40 | Pg | 8:59:54.68 | | | 0.04 |
| MPLH | 42.5 | 272 | Pg | 8:59:56.12 | | | 0.04 |
| | | | Sg | 9:00:02.21 | | | 0.22 |

1656.

2021-11-08 time: 9:04:25.79 UTC ML= 1.6
 lat: 47.836N lon: 19.156E h= 0.0 km
 erh= 2.0km erz= 342km
 nr= 6 gap=224 rms=0.20
 Locality: Ósagárd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PENC | 10.7 | 118 | Pg | 9:04:27.56 | | | -0.14 |
| | | | Sg | 04:29.33 | | | 0.15 |
| PSZ | 56.0 | 81 | Pg | 9:04:35.86 | | | 0.07 |
| | | | Sg | 04:43.78 | | | 0.19 |
| VYHS | 77.0 | 342 | Sg | 9:04:50.34 | | | 0.09 |
| KECS | 122.4 | 54 | Sg | 9:05:04.04 | | | -0.64 |

1657.

2021-11-08 time: 9:16:20.50 UTC ML= 1.7
 lat: 47.800N lon: 18.975E h= 0.0 km
 erh= 3.4km erz= 4.8km
 nr= 13 gap=188 rms=0.68
 Locality: Kisoroszi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PENC | 23.0 | 93 | Pg | 9:16:25.42 | | | 0.81 |
| | | | Sg | 16:27.89 | | | 0.07 |
| BUD | 35.4 | 174 | Sg | 9:16:31.44 | | | -0.32 |
| PKSG | 63.2 | 224 | Pg | 9:16:32.27 | | | 0.48 |
| | | | Sg | 16:40.81 | | | 0.22 |
| PSZ | 70.1 | 79 | Pg | 9:16:32.77 | | | -0.24 |
| | | | Sg | 16:41.39 | | | -1.38 |
| CSKK | 72.5 | 228 | Sg | 9:16:42.95 | | | -0.59 |
| PKST | 93.0 | 230 | Pg | 9:16:37.76 | | | 0.66 |
| | | | Sg | 16:49.50 | | | -0.55 |
| MPLH | 128.9 | 237 | Pg | 9:16:44.01 | | | 0.49 |
| | | | Sg | 17:00.33 | | | -1.14 |
| EGYH | 130.7 | 251 | Sn | 9:17:00.63 | | | -1.40 |

1658.

2021-11-08 time: 9:50:52.72 UTC ML= 1.5
 lat: 47.893N lon: 19.399E h= 0.0 km
 erh= 2.2km erz= 2.9km
 nr= 14 gap=114 rms=0.81
 Locality: Bercel
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|------|
| PENC | 14.4 | 218 | Pg | 9:50:55.47 | | | 0.19 |
| | | | Sg | 50:57.82 | | | 0.54 |
| PSZ | 37.2 | 86 | Pg | 9:50:59.74 | | | 0.38 |
| | | | Sg | 51:04.83 | | | 0.29 |
| VYHS | 78.8 | 328 | Pg | 9:51:08.29 | | | 1.49 |

| | | | | | | | |
|------|-------|-----|----|------------|--|--|-------|
| | | | Sg | 51:16.43 | | | -1.35 |
| PKSG | 94.0 | 234 | Sg | 9:51:22.74 | | | 0.14 |
| KECS | 104.1 | 51 | Pg | 9:51:11.38 | | | 0.07 |
| | | | Sg | 51:24.33 | | | -1.49 |
| PKST | 124.5 | 236 | Pg | 9:51:15.35 | | | 0.40 |
| | | | Sg | 51:31.41 | | | -0.88 |
| A339 | 130.6 | 267 | Sn | 9:51:32.92 | | | -1.30 |
| LANS | 139.9 | 2 | Sn | 9:51:35.33 | | | -0.97 |
| PKB5 | 152.8 | 199 | Sn | 9:51:38.44 | | | -0.70 |

1659.

2021-11-08 time: 11:23:07.91 UTC ML= 1.5
 lat: 47.871N lon: 19.123E h= 0.0 km
 erh= 2.5km erz= 748km
 nr= 8 gap=113 rms=0.53
 Locality: Nótincs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PENC | 14.9 | 127 | Pg | 11:23:10.81 | | | 0.23 |
| | | | Sg | 23:12.37 | | | -0.28 |
| PSZ | 58.0 | 85 | Pg | 11:23:18.79 | | | 0.53 |
| | | | Sg | 23:25.67 | | | -0.66 |
| VYHS | 72.4 | 343 | Sg | 11:23:30.89 | | | -0.05 |
| PKST | 106.5 | 230 | Sg | 11:23:41.14 | | | -0.62 |
| KECS | 122.1 | 56 | Pg | 11:23:30.19 | | | 0.48 |
| | | | Sg | 23:45.46 | | | -1.26 |

1660.

2021-11-08 time: 11:34:33.24 UTC ML= 1.9
 lat: 48.304N lon: 19.860E h= 0.0 km
 erh= 2.3km erz= 4.0km
 nr= 20 gap=74 rms=1.10
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PSZ | 43.0 | 177 | Pg | 11:34:39.69 | | | -1.22 |
| | | | Sg | 34:45.53 | | | -1.36 |
| KECS | 50.4 | 67 | Pg | 11:34:43.51 | | | 1.27 |
| | | | Sg | 34:50.06 | | | 0.79 |
| PENC | 71.6 | 217 | Pg | 11:34:47.03 | | | 1.02 |
| | | | Sg | 34:56.30 | | | 0.32 |
| VYHS | 78.7 | 286 | Pg | 11:34:47.15 | | | -0.14 |
| | | | Sg | 34:56.91 | | | -1.34 |
| LANS | 98.5 | 343 | Pg | 11:34:51.57 | | | 0.75 |
| | | | Sg | 35:03.46 | | | -1.07 |
| ABAH | 102.4 | 90 | Pg | 11:34:53.19 | | | 1.68 |
| | | | Sg | 35:03.66 | | | -2.11 |
| PBUD | 112.7 | 214 | Sg | 11:35:09.00 | | | -0.07 |
| BSZH | 115.8 | 165 | Sg | 11:35:09.70 | | | -0.33 |
| SRO | 127.6 | 245 | Sg | 11:35:12.22 | | | -1.56 |
| NIE | 128.4 | 15 | Pg | 11:34:55.10 | | | -1.06 |
| | | | Sg | 35:12.62 | | | -1.42 |
| PKSG | 149.6 | 227 | Pn | 11:34:59.43 | | | 0.51 |
| STHS | 160.1 | 39 | Sn | 11:35:21.99 | | | 0.71 |
| PKST | 179.5 | 230 | Sn | 11:35:27.13 | | | 1.53 |

1661.

2021-11-08 time: 12:11:49.48 UTC ML= 1.5
 lat: 47.920N lon: 16.473E h= 0.0 km
 erh= 3.5km erz= 976km
 nr= 9 gap=159 rms=0.74
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| RONA | 27.8 | 208 | Pg | 12:11:54.52 | | | 0.08 |
| | | | Sg | 11:58.49 | | | 0.17 |
| CONA | 45.7 | 271 | Pg | 12:11:58.59 | | | 0.95 |
| | | | Sg | 12:03.88 | | | -0.13 |
| MODS | 78.3 | 50 | Pg | 12:12:03.93 | | | 0.47 |

Hypocenter Parameters

| | | | |
|----------------|----|-------------|-------|
| | Sg | 12:14.42 | 0.06 |
| ARSA 103.2 224 | Sg | 12:12:20.43 | -1.84 |
| KRUC 127.1 357 | Pg | 12:12:11.79 | -0.39 |
| | Sg | 12:28.23 | -1.66 |

1662.

2021-11-08 time: 14:11:58.50 UTC ML= 1.2
 lat: 48.628N lon: 20.746E h= 0.0 km
 erh= 4.9km erz= 6.7km
 nr= 7 gap=169 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.0 | 230 | Pg | 14:12:03.76 | 0.79 |
| | | | Sg | 12:06.77 | 0.31 |
| ABAH | 51.9 | 135 | Pg | 14:12:08.18 | 0.40 |
| | | | Sg | 12:14.81 | -0.20 |
| PSZ | 101.1 | 219 | Sg | 14:12:29.27 | -1.36 |
| KOLS | 117.3 | 73 | Sg | 14:12:35.29 | -0.50 |
| VYHS | 141.7 | 264 | Sn | 14:12:41.32 | -1.16 |

1663.

2021-11-08 time: 15:13:16.05 UTC ML= 2.0
 lat: 47.096N lon: 19.470E h= 0.0 km
 erh= 3.0km erz= 515km
 nr= 9 gap=194 rms=0.41
 Locality: Táborfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 24.1 | 257 | Pg | 15:13:20.11 | -0.24 |
| | | | Sg | 13:23.44 | -0.27 |
| PENC | 78.5 | 350 | Pg | 15:13:30.09 | 0.02 |
| PKB5 | 79.0 | 225 | Pg | 15:13:30.79 | 0.64 |
| | | | Sg | 13:40.77 | -0.38 |
| PSZ | 96.9 | 19 | Pg | 15:13:33.71 | 0.37 |
| | | | Sg | 13:45.70 | -1.13 |
| MORH | 116.5 | 213 | Sg | 15:13:52.96 | -0.11 |
| PKSM | 117.0 | 213 | Sg | 15:13:53.16 | -0.07 |

1664.

2021-11-08 time: 15:33:42.82 UTC ML= 1.8
 lat: 47.116N lon: 19.348E h= 0.0 km
 erh= 4.5km erz= 631km
 nr= 10 gap=183 rms=0.55
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 16.1 | 242 | Pg | 15:33:46.12 | 0.41 |
| | | | Sg | 33:48.34 | 0.39 |
| PKB1 | 56.1 | 229 | Pg | 15:33:52.82 | -0.03 |
| PKB5 | 74.4 | 219 | Pg | 15:33:56.60 | 0.49 |
| | | | Sg | 34:06.82 | 0.34 |
| PENC | 75.1 | 356 | Pg | 15:33:56.95 | 0.71 |
| PSZ | 98.2 | 25 | Pg | 15:33:59.77 | -0.59 |
| PKS9 | 100.6 | 234 | Pg | 15:33:59.82 | -0.96 |
| MORH | 113.7 | 208 | Sg | 15:34:18.23 | -0.73 |
| PKSM | 114.2 | 208 | Pg | 15:34:03.03 | -0.18 |

1665.

2021-11-09 time: 1:06:18.65 UTC ML= 1.5
 lat: 46.251N lon: 19.841E h= 2.7 km
 erh= 1.9km erz= 1.8km
 nr= 24 gap=181 rms=0.55
 Locality: Zákányszék
 Comments:

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKS6 | 44.2 | 331 | Pg | 1:06:26.96 | 0.40 |
| | | | Sg | 06:33.18 | 0.45 |
| PKB3 | 53.4 | 291 | Sg | 1:06:34.72 | -0.91 |
| PKS2 | 55.3 | 299 | Pg | 1:06:28.95 | 0.42 |
| | | | Sg | 06:36.43 | 0.19 |
| AMBH | 69.0 | 81 | Pg | 1:06:30.52 | -0.47 |
| | | | Sg | 06:39.82 | -0.79 |
| MORH | 92.5 | 268 | Pg | 1:06:35.09 | -0.08 |
| | | | Sg | 06:47.34 | -0.71 |
| PKSM | 92.7 | 267 | Pg | 1:06:35.09 | -0.12 |
| | | | Sg | 06:47.68 | -0.45 |
| PKB5 | 93.2 | 294 | Pg | 1:06:35.54 | 0.24 |
| | | | Sg | 06:47.54 | -0.75 |
| PKB4 | 99.0 | 286 | Pg | 1:06:36.78 | 0.43 |
| | | | Sg | 06:50.05 | -0.10 |
| PKB1 | 100.0 | 306 | Pg | 1:06:37.00 | 0.49 |
| | | | Sg | 06:49.41 | -1.03 |
| PKS7 | 102.7 | 329 | Pg | 1:06:37.40 | 0.40 |
| | | | Sg | 06:50.24 | -1.06 |
| PKS9 | 125.8 | 287 | Sn | 1:06:57.64 | -0.84 |
| KOVH | 135.7 | 262 | Pn | 1:06:43.12 | 0.85 |
| | | | Sn | 07:00.25 | -0.43 |
| PKSG | 168.3 | 319 | Pn | 1:06:47.27 | 0.94 |
| | | | Sn | 07:07.71 | -0.21 |

1666.

2021-11-09 time: 1:47:44.56 UTC ML= 1.5
 lat: 46.269N lon: 19.813E h= 1.1 km
 erh= 1.4km erz= 1.4km
 nr= 27 gap=168 rms=0.45
 Locality: Zákányszék
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKS6 | 41.4 | 332 | Pg | 1:47:51.97 | 0.01 |
| | | | Sg | 47:57.95 | 0.21 |
| PKB3 | 50.6 | 290 | Pg | 1:47:54.53 | 0.93 |
| | | | Sg | 48:01.01 | 0.35 |
| PKS2 | 52.4 | 298 | Pg | 1:47:54.48 | 0.56 |
| | | | Sg | 48:01.21 | -0.01 |
| PKB2 | 62.9 | 316 | Sg | 1:48:04.28 | -0.27 |
| AMBH | 70.8 | 83 | Pg | 1:47:56.74 | -0.47 |
| | | | Sg | 48:05.03 | -2.05* |
| MORH | 90.4 | 266 | Pg | 1:48:00.46 | -0.24 |
| | | | Sg | 48:12.81 | -0.48 |
| PKB5 | 90.4 | 294 | Sg | 1:48:13.21 | -0.09 |
| PKSM | 90.6 | 266 | Pg | 1:48:00.36 | -0.38 |
| | | | Sg | 48:13.25 | -0.12 |
| PKB4 | 96.4 | 285 | Pg | 1:48:02.02 | 0.24 |
| | | | Sg | 48:14.82 | -0.39 |
| PKB1 | 97.1 | 306 | Pg | 1:48:02.00 | 0.11 |
| | | | Sg | 48:14.58 | -0.83 |
| PKS7 | 99.9 | 330 | Pg | 1:48:02.46 | 0.06 |
| | | | Sg | 48:15.71 | -0.60 |
| PKS9 | 123.1 | 287 | Sg | 1:48:22.80 | -0.90 |
| PKSV | 128.0 | 251 | Pn | 1:48:07.64 | 0.23 |
| KOVH | 133.8 | 261 | Pn | 1:48:08.63 | 0.49 |
| | | | Sn | 48:25.95 | -0.59 |
| PKSG | 165.4 | 319 | Pn | 1:48:12.86 | 0.78 |
| | | | Sn | 48:33.45 | -0.10 |
| PSZ | 183.4 | 2 | Sn | 1:48:37.47 | -0.08 |

1667.

2021-11-09 time: 8:11:07.61 UTC ML= 1.3
 lat: 48.543N lon: 20.785E h= 0.0 km
 erh= 2.0km erz= 3.4km
 nr= 7 gap=161 rms=0.30
 Locality: Bódvalenke
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| KECS | 23.1 | 253 | Pg | 8:11:12.06 | 0.32 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | |
|------|-----------|----|------------|-------|
| | | Sg | 11:14.92 | -0.03 |
| ABAH | 43.5 129 | Pg | 8:11:15.45 | 0.08 |
| PSZ | 95.9 224 | Pg | 8:11:24.85 | 0.11 |
| | | Sg | 11:37.66 | -0.45 |
| KOLS | 117.7 68 | Sg | 8:11:44.79 | -0.25 |
| VYHS | 144.1 268 | Sn | 8:11:51.02 | -1.09 |

1668.

2021-11-09 time: 10:11:40.48 UTC ML= 0.7
 lat: 46.011N lon: 18.506E h= 0.0 km
 erh= 1.8km erz= 241km
 nr= 7 gap=210 rms=0.32
 Locality: Versend
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 23.9 | 235 | Pg | 10:11:44.78 | 0.03 |
| | | | Sg | 11:48.17 | 0.10 |
| PKSM | 24.7 | 25 | Pg | 10:11:45.18 | 0.29 |
| | | | Sg | 11:48.00 | -0.33 |
| MORH | 25.2 | 25 | Pg | 10:11:45.18 | 0.20 |
| | | | Sg | 11:48.15 | -0.33 |
| KOVH | 32.6 | 285 | Sg | 10:11:49.85 | -0.99 |

1669.

2021-11-09 time: 10:16:47.01 UTC ML= 0.9
 lat: 47.230N lon: 18.265E h= 0.0 km
 erh= 1.6km erz= 200km
 nr= 6 gap=252 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 14.8 | 359 | Pg | 10:16:49.61 | -0.03 |
| | | | Sg | 16:51.92 | 0.22 |
| PKST | 17.7 | 280 | Pg | 10:16:50.21 | 0.04 |
| | | | Sg | 16:52.47 | -0.17 |
| PKSG | 20.3 | 28 | Pg | 10:16:50.71 | 0.08 |
| | | | Sg | 16:53.27 | -0.20 |

1670.

2021-11-09 time: 10:28:05.83 UTC ML= 1.2
 lat: 48.446N lon: 19.205E h= 0.0 km
 erh= 2.3km erz= 3.6km
 nr= 10 gap=105 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 27.8 | 281 | Pg | 10:28:11.34 | 0.55 |
| | | | Sg | 28:14.46 | -0.20 |
| PENC | 73.1 | 176 | Sg | 10:28:28.43 | -0.65 |
| PSZ | 77.9 | 139 | Pg | 10:28:20.19 | 0.44 |
| | | | Sg | 28:29.83 | -0.77 |
| KECS | 94.8 | 88 | Pg | 10:28:23.59 | 0.84 |
| | | | Sg | 28:35.34 | -0.62 |
| NIE | 135.2 | 37 | Pn | 10:28:29.82 | 0.10 |
| | | | Sn | 28:46.89 | -1.47 |
| MORC | 191.4 | 321 | Sn | 10:28:59.45 | -1.37 |

1671.

2021-11-09 time: 11:15:09.00 UTC ML= 2.0
 lat: 48.841N lon: 21.609E h= 0.0 km
 erh= 1.5km erz= 3.0km
 nr= 15 gap=101 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| KOLS | 49.8 | 78 | Pg | 11:15:18.14 | 0.25 |

| | | | | |
|------|-----------|----|-------------|-------|
| | | Sg | 15:24.77 | -0.06 |
| ABAH | 66.5 204 | Pg | 11:15:21.18 | 0.31 |
| | | Sg | 15:30.29 | 0.16 |
| STHS | 69.3 337 | Pg | 11:15:21.79 | 0.41 |
| | | Sg | 15:30.82 | -0.22 |
| KECS | 91.8 244 | Pg | 11:15:25.87 | 0.47 |
| | | Sg | 15:37.02 | -1.17 |
| TRPA | 104.8 139 | Pg | 11:15:27.58 | -0.13 |
| | | Sg | 15:41.44 | -0.87 |
| NIE | 114.3 304 | Pg | 11:15:29.29 | -0.13 |
| | | Sg | 15:43.65 | -1.69 |
| LANS | 160.4 282 | Pn | 11:15:36.42 | 0.38 |
| PSZ | 163.3 231 | Pn | 11:15:35.64 | -0.76 |
| | | Sn | 15:58.94 | 1.18 |

1672.

2021-11-09 time: 13:18:06.82 UTC ML= 1.6
 lat: 48.578N lon: 20.828E h= 0.0 km
 erh= 2.4km erz= 672km
 nr= 7 gap=118 rms=0.45
 Locality: Hidvérgárdó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 27.4 | 247 | Pg | 13:18:11.41 | -0.31 |
| | | | Sg | 18:15.63 | 0.09 |
| ABAH | 43.7 | 136 | Sg | 13:18:20.75 | 0.02 |
| STHS | 98.0 | 18 | Sg | 13:18:37.22 | -0.77 |
| NIE | 100.8 | 338 | Pg | 13:18:25.57 | 0.75 |
| PSZ | 101.0 | 223 | Pg | 13:18:24.97 | 0.11 |
| | | | Sg | 18:38.52 | -0.40 |

1673.

2021-11-09 time: 13:50:48.31 UTC ML= 1.6
 lat: 47.852N lon: 16.037E h= 0.0 km
 erh= 1.4km erz= 3.2km
 nr= 10 gap= 93 rms=0.67
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.7 | 303 | Pg | 13:50:51.53 | 0.42 |
| | | | Sg | 50:53.94 | 0.65 |
| RONA | 25.7 | 131 | Pg | 13:50:53.44 | 0.53 |
| | | | Sg | 50:57.05 | 0.56 |
| ARSA | 77.2 | 210 | Pg | 13:51:02.27 | 0.17 |
| | | | Sg | 51:12.11 | -0.75 |
| MODS | 109.1 | 58 | Pg | 13:51:07.59 | -0.20 |
| | | | Sg | 51:23.16 | 0.17 |
| KRUC | 137.2 | 11 | Pn | 13:51:11.21 | -1.24 |
| | | | Sn | 51:28.88 | -2.40 |

1674.

2021-11-09 time: 14:31:14.83 UTC ML= 1.1
 lat: 47.556N lon: 16.349E h= 0.0 km
 erh= 1.6km erz= 3.6km
 nr= 11 gap= 77 rms=0.51
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 16.5 | 346 | Pg | 14:31:18.15 | 0.38 |
| | | | Sg | 31:19.96 | -0.11 |
| SOP | 21.2 | 48 | Pg | 14:31:19.31 | 0.69 |
| | | | Sg | 31:21.77 | 0.20 |
| CONA | 55.2 | 319 | Pg | 14:31:24.28 | -0.41 |
| | | | Sg | 31:31.71 | -0.67 |
| ARSA | 71.0 | 241 | Sg | 14:31:37.48 | 0.09 |
| MPLH | 99.7 | 115 | Sg | 14:31:46.17 | -0.34 |
| MODS | 114.4 | 37 | Sg | 14:31:48.53 | -2.65 |
| KOGS | 123.4 | 183 | Sg | 14:31:53.70 | -0.34 |
| GROS | 137.7 | 208 | Sn | 14:31:58.17 | 0.26 |

Hypocenter Parameters

Földrengés paraméterek

1675.

2021-11-09 time: 15:14:42.52 UTC ML= 2.0
 lat: 47.080N lon: 19.390E h= 0.0 km
 erh= 3.9km erz= 754km
 nr= 12 gap=188 rms=0.62
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| PKS7 | 17.8 | 258 | Pg | 15:14:45.90 | | 0.21 | |
| | | | Sg | 14:47.81 | | -0.35 | |
| PKB5 | 73.5 | 223 | Pg | 15:14:56.80 | | 1.16 | |
| | | | Sg | 15:06.59 | | 0.72 | |
| PENC | 79.4 | 354 | Pg | 15:14:57.05 | | 0.35 | |
| PKB4 | 88.4 | 223 | Pg | 15:14:58.71 | | 0.41 | |
| PSZ | 100.7 | 22 | Pg | 15:14:59.96 | | -0.53 | |
| PKS9 | 100.9 | 237 | Pg | 15:15:00.11 | | -0.43 | |
| MORH | 111.7 | 211 | Pg | 15:15:02.37 | | -0.10 | |
| | | | Sg | 15:16.63 | | -1.41 | |
| PKSM | 112.2 | 211 | Pg | 15:15:02.47 | | -0.09 | |
| | | | Sg | 15:16.83 | | -1.37 | |

1676.

2021-11-09 time: 15:37:20.65 UTC ML= 1.9
 lat: 47.111N lon: 19.375E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 14 gap=167 rms=0.90
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| PKS7 | 17.7 | 246 | Pg | 15:37:23.96 | | 0.14 | |
| | | | Sg | 37:26.67 | | 0.38 | |
| PKB5 | 75.3 | 220 | Pg | 15:37:34.95 | | 0.85 | |
| | | | Sg | 37:45.30 | | 0.71 | |
| PENC | 75.8 | 355 | Pg | 15:37:35.10 | | 0.91 | |
| PKB3 | 77.7 | 190 | Pg | 15:37:36.16 | | 1.64 | |
| PKB4 | 90.2 | 221 | Pg | 15:37:36.66 | | -0.10 | |
| PSZ | 97.9 | 24 | Pg | 15:37:38.07 | | -0.05 | |
| | | | Sg | 37:50.87 | | -0.89 | |
| PKS9 | 101.9 | 235 | Pg | 15:37:38.27 | | -0.58 | |
| MORH | 114.2 | 209 | Pg | 15:37:40.23 | | -0.81 | |
| | | | Sg | 37:54.94 | | -2.01 | |
| PKSM | 114.7 | 209 | Pg | 15:37:40.68 | | -0.45 | |
| | | | Sg | 37:54.74 | | -2.36 | |

1677.

2021-11-10 time: 8:20:28.94 UTC ML= 1.2
 lat: 47.175N lon: 18.238E h= 0.0 km
 erh= 2.1km erz= 717km
 nr= 11 gap=138 rms=0.57
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| PKST | 18.0 | 301 | PgU | 8:20:31.85 | | -0.31 | |
| | | | Sg | 20:34.26 | | -0.41 | |
| CSKK | 21.0 | 5 | Pg | 8:20:32.41 | | -0.28 | |
| | | | Sg | 20:35.23 | | -0.39 | |
| PKSG | 26.8 | 26 | Pg | 8:20:33.51 | | -0.21 | |
| | | | Sg | 20:38.24 | | 0.79 | |
| MPLH | 52.9 | 269 | Pg | 8:20:39.33 | | 0.94 | |
| MORH | 111.0 | 164 | Pg | 8:20:49.53 | | 0.77 | |
| | | | Sg | 21:03.50 | | -0.73 | |
| PKSM | 111.4 | 164 | Sg | 8:21:04.20 | | -0.14 | |
| KOVH | 121.2 | 185 | Sg | 8:21:06.71 | | -0.76 | |

1678.

2021-11-10 time: 9:11:54.43 UTC ML= 1.9
 lat: 48.797N lon: 19.479E h= 0.0 km
 erh= 1.7km erz= 3.8km
 nr= 10 gap=124 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| LANS | 39.3 | 359 | Pg | 9:12:02.20 | | 0.75 | |
| | | | Sg | 12:06.42 | | -0.50 | |
| VYHS | 58.1 | 235 | Pg | 9:12:04.94 | | 0.13 | |
| | | | Sg | 12:12.17 | | -0.73 | |
| KECS | 82.0 | 115 | Sg | 9:12:20.48 | | -0.02 | |
| NIE | 92.2 | 41 | Pg | 9:12:10.74 | | -0.15 | |
| | | | Sg | 12:22.89 | | -0.83 | |
| PSZ | 102.5 | 162 | Pg | 9:12:13.05 | | 0.33 | |
| | | | Sg | 12:26.51 | | -0.49 | |
| ABAH | 141.5 | 113 | Sn | 9:12:38.83 | | 0.49 | |

1679.

2021-11-10 time: 9:31:20.39 UTC ML= 1.9
 lat: 47.585N lon: 16.299E h= 0.0 km
 erh= 0.4km erz= 0.5km
 nr= 6 gap=207 rms=0.55
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| RONA | 12.8 | 359 | Pg | 9:31:23.10 | | 0.43 | |
| | | | Sg | 31:24.36 | | -0.09 | |
| CONA | 50.3 | 319 | Sg | 9:31:35.56 | | -0.83 | |
| ARSA | 69.4 | 238 | Sg | 9:31:43.14 | | 0.70 | |
| GROS | 138.9 | 206 | Pn | 9:31:44.74 | | 0.00 | |
| | | | Sn | 32:02.77 | | -0.96 | |

1680.

2021-11-10 time: 9:51:47.28 UTC ML= 1.4
 lat: 46.133N lon: 18.039E h= 0.0 km
 erh= 1.8km erz= 369km
 nr= 10 gap=231 rms=0.29
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| KOVH | 6.8 | 137 | PgU | 9:51:48.34 | | -0.15 | |
| | | | Sg | 51:49.78 | | 0.34 | |
| PKSV | 31.8 | 149 | Pg | 9:51:53.16 | | 0.21 | |
| | | | Sg | 51:57.04 | | -0.34 | |
| PKSM | 47.3 | 79 | Pg | 9:51:55.69 | | -0.04 | |
| | | | Sg | 52:02.21 | | -0.11 | |
| MORH | 47.6 | 79 | Pg | 9:51:55.77 | | -0.01 | |
| | | | Sg | 52:02.23 | | -0.18 | |
| PKS9 | 53.7 | 20 | Pg | 9:51:56.52 | | -0.35 | |
| PKB5 | 74.2 | 46 | Pg | 9:52:01.18 | | 0.65 | |

1681.

2021-11-10 time: 10:30:24.86 UTC ML= 1.6
 lat: 48.591N lon: 20.720E h= 0.0 km
 erh= 1.8km erz= 3.5km
 nr= 13 gap= 89 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| KECS | 21.1 | 235 | Pg | 10:30:29.06 | | 0.44 | |
| | | | Sg | 30:31.62 | | 0.06 | |
| ABAH | 50.6 | 131 | Pg | 10:30:34.83 | | 0.94 | |
| | | | Sg | 30:40.71 | | -0.23 | |
| NIE | 96.7 | 342 | Pg | 10:30:43.02 | | 0.89 | |

Földrengés paraméterek

Hypocenter Parameters

Sg 30:55.02 -0.57
 PSZ 96.7 219 Pg 10:30:41.91 -0.23
 Sg 30:55.02 -0.59
 STHS 99.4 23 Sg 10:30:56.22 -0.25
 KOLS 120.4 72 Sg 10:31:02.05 -1.07
 VYHS 139.5 266 Pn 10:30:49.24 -0.05
 Sn 31:06.92 -1.42
 TRPA 144.2 111 Sn 10:31:06.61 -2.78

1682.

2021-11-10 time: 10:37:26.82 UTC ML= 0.6
 lat: 47.193N lon: 18.275E h= 0.0 km
 erh= 1.1km erz= 303km
 nr= 7 gap=144 rms=0.20
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CSKK | 18.9 | 357 | Pg | 10:37:30.41 | | | 0.21 |
| | | | Sg | 37:32.57 | | | -0.26 |
| PKST | 19.6 | 292 | Sg | 10:37:32.97 | | | -0.09 |
| PKSG | 23.7 | 22 | Pg | 10:37:31.21 | | | 0.15 |
| | | | Sg | 37:34.17 | | | -0.20 |
| MORH | 112.3 | 165 | Sg | 10:38:02.19 | | | -0.32 |
| KOVH | 123.6 | 186 | Sg | 10:38:06.21 | | | 0.11 |

1683.

2021-11-10 time: 10:51:18.43 UTC ML= 2.2
 lat: 46.897N lon: 17.332E h= 0.0 km
 erh= 1.6km erz= 3.7km
 nr= 30 gap= 74 rms=0.93
 Locality: Várvölgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MPLH | 34.2 | 27 | Pg | 10:51:24.52 | | | -0.02 |
| | | | Sg | 51:29.94 | | | 0.63 |
| TIH | 42.8 | 90 | Pg | 10:51:26.39 | | | 0.32 |
| EGYH | 57.8 | 0 | Sg | 10:51:38.88 | | | 2.07 |
| BEHE | 63.7 | 222 | Sg | 10:51:39.15 | | | 0.45 |
| PKST | 66.8 | 53 | Pg | 10:51:30.85 | | | 0.48 |
| | | | Sg | 51:40.08 | | | 0.40 |
| PKS9 | 80.2 | 115 | Pg | 10:51:35.07 | | | 2.32 |
| | | | Sg | 51:45.00 | | | 1.08 |
| CSKK | 87.5 | 54 | Pg | 10:51:33.66 | | | -0.39 |
| | | | Sg | 51:45.31 | | | -0.93 |
| KOGS | 96.6 | 239 | Pg | 10:51:35.67 | | | -0.02 |
| | | | Sg | 51:50.33 | | | 1.18 |
| PKSG | 97.3 | 56 | Pg | 10:51:35.87 | | | 0.05 |
| | | | Sg | 51:49.02 | | | -0.36 |
| SOP | 105.2 | 326 | Sg | 10:51:50.48 | | | -1.38 |
| PKB4 | 107.0 | 115 | Sg | 10:51:51.88 | | | -0.57 |
| KOVH | 107.5 | 147 | Pg | 10:51:37.68 | | | 0.05 |
| | | | Sg | 51:51.13 | | | -1.48 |
| PKB1 | 112.1 | 96 | Sg | 10:51:53.84 | | | -0.23 |
| PKB5 | 112.4 | 107 | Sg | 10:51:53.84 | | | -0.33 |
| RONA | 118.7 | 319 | Sg | 10:51:55.11 | | | -1.06 |
| MORH | 126.0 | 127 | Pg | 10:51:41.49 | | | 0.56 |
| | | | Sg | 51:56.15 | | | -2.32 |
| PKSM | 126.1 | 127 | Pg | 10:51:41.09 | | | 0.15 |
| | | | Sg | 51:56.56 | | | -1.94 |
| PKSV | 132.6 | 148 | Sn | 10:51:58.66 | | | -1.72 |
| GROS | 148.2 | 251 | Pn | 10:51:43.80 | | | -0.14 |
| | | | Sn | 52:01.17 | | | -2.67 |
| PERS | 171.7 | 260 | Pn | 10:51:47.22 | | | 0.35 |

1684.

2021-11-10 time: 10:59:48.04 UTC ML= 1.8
 lat: 46.858N lon: 17.315E h= 0.0 km
 erh= 1.8km erz= 4.1km
 nr= 17 gap= 78 rms=0.99
 Locality: Várvölgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MPLH | 38.7 | 26 | Pg | 10:59:55.86 | | | 0.91 |
| | | | Sg | 11:00:00.88 | | | 0.53 |
| BEHE | 59.6 | 224 | Sg | 10:60:07.91 | | | 0.91 |
| EGYH | 62.2 | 1 | Sg | 10:60:07.40 | | | -0.42 |
| PKST | 70.6 | 51 | Pg | 10:60:01.53 | | | 0.89 |
| | | | Sg | 60:09.96 | | | -0.51 |
| KOGS | 93.3 | 241 | Pg | 10:60:06.45 | | | 1.75 |
| | | | Sg | 60:18.00 | | | 0.30 |
| PKSG | 101.0 | 54 | Sg | 10:60:19.00 | | | -1.13 |
| KOVH | 104.6 | 145 | Pg | 10:60:06.60 | | | -0.12 |
| | | | Sg | 60:20.26 | | | -1.04 |
| RONA | 121.2 | 321 | Sg | 10:60:25.28 | | | -1.30 |
| MORH | 124.5 | 125 | Sg | 10:60:27.09 | | | -0.51 |
| PKSM | 124.5 | 125 | Sg | 10:60:27.09 | | | -0.54 |
| PKSV | 129.6 | 146 | Sg | 10:60:28.39 | | | -0.86 |
| ARSA | 143.0 | 288 | Sn | 10:60:30.80 | | | -1.49 |
| GROS | 145.6 | 252 | Sn | 10:60:30.80 | | | -2.07 |

1685.

2021-11-10 time: 11:03:51.45 UTC ML= 1.4
 lat: 48.505N lon: 19.399E h= 0.0 km
 erh= 3.1km erz= 620km
 nr= 6 gap=183 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| VYHS | 41.6 | 268 | Pg | 11:03:59.02 | | | 0.14 |
| | | | Sg | 04:04.15 | | | -0.52 |
| PSZ | 74.9 | 151 | Pg | 11:04:05.25 | | | 0.43 |
| | | | Sg | 04:14.69 | | | -0.56 |
| KECS | 80.4 | 92 | Pg | 11:04:05.95 | | | 0.14 |
| | | | Sg | 04:16.60 | | | -0.40 |

1686.

2021-11-10 time: 12:39:50.59 UTC ML= 1.9
 lat: 48.447N lon: 17.203E h= 0.0 km
 erh= 5.0km erz= ***km
 nr= 9 gap=207 rms=0.88
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| MODS | 9.9 | 146 | Pg | 12:39:52.08 | | | -0.27 |
| | | | Sg | 39:54.13 | | | 0.41 |
| SMOL | 18.3 | 66 | Pg | 12:39:54.23 | | | 0.38 |
| | | | Sg | 39:56.37 | | | -0.03 |
| ZST | 28.9 | 195 | Pg | 12:39:55.87 | | | 0.13 |
| | | | Sg | 39:59.48 | | | -0.29 |
| RONA | 107.1 | 219 | Pg | 12:40:11.00 | | | 1.29 |
| | | | Sg | 40:22.63 | | | -2.00 |
| VYHS | 120.9 | 88 | Sg | 12:40:27.15 | | | -1.87 |

1687.

2021-11-10 time: 15:00:55.97 UTC ML= 1.9
 lat: 47.110N lon: 19.336E h= 0.0 km
 erh= 4.4km erz= 699km
 nr= 12 gap=183 rms=0.63
 Locality: Tatárszentgyörgy
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 15.0 | 243 | Pg | 15:00:58.80 | 0.15 |
| | | | Sg | 01:00.61 | -0.14 |
| PKB1 | 55.0 | 229 | Pg | 15:01:05.83 | 0.04 |
| PKB5 | 73.3 | 219 | Pg | 15:01:09.90 | 0.84 |
| | | | Sg | 01:20.09 | 0.82 |
| PENC | 75.8 | 357 | Pg | 15:01:10.65 | 1.14 |
| PSZ | 99.3 | 25 | Pg | 15:01:13.11 | -0.59 |
| | | | Sg | 01:26.82 | -0.70 |
| PKS9 | 99.4 | 234 | Pg | 15:01:13.56 | -0.16 |
| MORH | 112.6 | 208 | Pg | 15:01:15.72 | -0.36 |
| PKSM | 113.1 | 208 | Pg | 15:01:15.77 | -0.40 |
| | | | Sg | 01:30.28 | -1.64 |

1688.

2021-11-10 time: 15:14:56.87 UTC ML= 2.0
 lat: 47.076N lon: 19.413E h= 0.0 km
 erh= 3.5km erz= 5.9km
 nr= 14 gap=190 rms=0.62
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.4 | 260 | Pg | 15:15:00.25 | -0.08 |
| | | | Sg | 15:02.16 | -0.88 |
| PKB1 | 57.3 | 236 | Pg | 15:15:07.16 | 0.06 |
| PKB5 | 74.4 | 224 | Pg | 15:15:11.33 | 1.18 |
| | | | Sg | 15:20.04 | -0.46 |
| PENC | 80.0 | 353 | Pg | 15:15:11.90 | 0.74 |
| PSZ | 100.4 | 21 | Pg | 15:15:14.54 | -0.26 |
| | | | Sg | 15:27.69 | -1.10 |
| PKS9 | 102.2 | 238 | Pg | 15:15:14.79 | -0.33 |
| MORH | 112.3 | 212 | Pg | 15:15:17.15 | 0.23 |
| | | | Sg | 15:31.66 | -0.90 |
| PKSM | 112.8 | 212 | Pg | 15:15:17.30 | 0.29 |
| | | | Sg | 15:31.56 | -1.16 |
| KOVH | 148.9 | 223 | Pn | 15:15:22.97 | 0.50 |

1689.

2021-11-11 time: 7:51:45.57 UTC ML= 1.3
 lat: 47.325N lon: 18.461E h= 0.0 km
 erh= 1.4km erz= 3.2km
 nr= 10 gap=115 rms=0.43
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.2 | 325 | Pg | 7:51:47.51 | 0.31 |
| | | | Sg | 51:48.14 | -0.34 |
| CSKK | 15.7 | 286 | PgU | 7:51:48.74 | 0.37 |
| | | | Sg | 51:50.40 | -0.16 |
| PKST | 33.0 | 257 | Pg | 7:51:51.83 | 0.36 |
| | | | Sg | 51:55.37 | -0.70 |
| MORH | 124.0 | 174 | Sg | 7:52:25.32 | 0.33 |
| PKSM | 124.5 | 174 | Sg | 7:52:24.52 | -0.60 |
| PSZ | 126.4 | 59 | Sg | 7:52:25.62 | -0.13 |
| VYHS | 133.0 | 12 | Sn | 7:52:26.73 | -0.88 |

1690.

2021-11-11 time: 8:10:42.66 UTC ML= 1.9
 lat: 47.799N lon: 20.003E h= 0.0 km
 erh= 3.0km erz= 4.0km
 nr= 7 gap=191 rms=0.46
 Locality: Abasár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 15.6 | 329 | PgU | 8:10:45.37 | -0.08 |
| | | | Sg | 10:47.63 | 0.01 |
| PENC | 54.1 | 269 | Sg | 8:11:00.58 | 0.73 |
| KECS | 84.2 | 25 | Sg | 8:11:08.92 | -0.49 |
| ABAH | 107.5 | 59 | Sg | 8:11:17.05 | 0.22 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| PKSG | 129.4 | 250 | Sg | 8:11:22.98 | -0.82 |
| NIE | 181.6 | 7 | Sn | 8:11:36.12 | 0.63 |

1691.

2021-11-11 time: 8:42:22.82 UTC ML= 1.6
 lat: 46.445N lon: 22.448E h= 0.0 km
 erh= 3.5km erz= ***km
 nr= 9 gap=136 rms=0.79
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 43.5 | 28 | Pg | 8:42:30.72 | 0.14 |
| | | | Sg | 42:35.94 | -0.69 |
| SIRR | 63.8 | 252 | Pg | 8:42:35.04 | 0.82 |
| | | | Sg | 42:43.07 | -0.04 |
| CJR | 93.1 | 71 | Sg | 8:42:51.72 | -0.68 |
| BZS | 112.4 | 215 | Pg | 8:42:42.97 | 0.08 |
| | | | Sg | 42:57.23 | -1.31 |
| GZR | 119.7 | 168 | Pg | 8:42:45.08 | 0.89 |
| | | | Sg | 42:58.75 | -2.11 |

1692.

2021-11-11 time: 10:07:52.70 UTC ML= 1.6
 lat: 48.606N lon: 20.756E h= 0.0 km
 erh= 3.4km erz= 4.6km
 nr= 8 gap=167 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 24.2 | 236 | Pg | 10:07:57.26 | 0.24 |
| | | | Sg | 08:00.57 | 0.18 |
| ABAH | 49.7 | 134 | Pg | 10:08:02.08 | 0.51 |
| | | | Sg | 08:08.20 | -0.30 |
| PSZ | 99.7 | 220 | Pg | 10:08:10.82 | 0.32 |
| | | | Sg | 08:23.22 | -1.17 |
| KOLS | 117.3 | 72 | Sg | 10:08:29.39 | -0.60 |
| VYHS | 142.3 | 265 | Sn | 10:08:35.97 | -0.83 |

1693.

2021-11-11 time: 10:49:09.04 UTC ML= 1.6
 lat: 47.307N lon: 18.466E h= 0.0 km
 erh= 1.7km erz= 2.8km
 nr= 11 gap=116 rms=0.67
 Locality: Pátka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 11.0 | 329 | Pg | 10:49:11.36 | 0.36 |
| | | | Sg | 49:11.82 | -0.71 |
| CSKK | 16.7 | 292 | Pg | 10:49:12.58 | 0.55 |
| | | | Sg | 49:14.36 | 0.01 |
| PKST | 33.1 | 261 | Pg | 10:49:15.44 | 0.49 |
| | | | Sg | 49:18.25 | -1.30 |
| MORH | 122.1 | 174 | Sg | 10:49:48.08 | 0.23 |
| PKSM | 122.5 | 174 | Sg | 10:49:48.58 | 0.59 |
| PSZ | 127.1 | 58 | Sg | 10:49:49.33 | -0.12 |
| VYHS | 134.8 | 12 | Sn | 10:49:49.79 | -1.70 |
| KOVH | 138.4 | 192 | Sn | 10:49:51.39 | -0.88 |

1694.

2021-11-11 time: 10:56:22.20 UTC ML= 2.0
 lat: 48.221N lon: 21.259E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 12 gap=156 rms=0.44
 Locality: Tállya
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 8.4 | 350 | PgU | 10:56:23.73 | 0.03 |
| | | | Sg | 56:24.90 | 0.02 |
| KECS | 64.3 | 297 | Pg | 10:56:33.69 | 0.01 |
| | | | Sg | 56:41.92 | -0.71 |
| TRPA | 95.8 | 96 | Pg | 10:56:39.41 | 0.11 |
| | | | Sg | 56:51.56 | -1.07 |
| PSZ | 107.1 | 252 | Pg | 10:56:42.02 | 0.70 |
| | | | Sg | 56:55.53 | -0.71 |
| KOLS | 109.0 | 43 | Pg | 10:56:42.03 | 0.38 |
| | | | Sg | 56:56.39 | -0.44 |
| NIE | 150.2 | 332 | Pn | 10:56:48.20 | 0.24 |
| | | | Sn | 57:07.63 | -0.42 |

1695.

2021-11-11 time: 11:06:12.03 UTC ML= 1.7
 lat: 48.362N lon: 19.837E h= 0.0 km
 erh= 2.5km erz= 6.2km
 nr= 11 gap=130 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 49.6 | 175 | Pg | 11:06:21.18 | 0.30 |
| | | | Sg | 06:27.61 | -0.18 |
| KECS | 49.8 | 74 | Pg | 11:06:21.58 | 0.65 |
| | | | Sg | 06:27.81 | -0.06 |
| PENC | 75.9 | 213 | Sg | 11:06:35.44 | -0.71 |
| LANS | 91.7 | 343 | Pg | 11:06:29.61 | 1.20 |
| | | | Sg | 06:40.46 | -0.73 |
| ABAH | 104.2 | 94 | Sg | 11:06:44.07 | -1.10 |
| NIE | 122.5 | 17 | Pg | 11:06:33.63 | -0.28 |
| | | | Sg | 06:49.70 | -1.28 |
| KOLS | 190.4 | 71 | Sn | 11:07:06.97 | 0.16 |

1696.

2021-11-11 time: 13:10:19.56 UTC ML= 1.5
 lat: 46.018N lon: 21.898E h= 0.0 km
 erh= 2.4km erz= 546km
 nr= 6 gap=170 rms=0.32
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 33.3 | 326 | Pg | 13:10:25.83 | 0.32 |
| | | | Sg | 10:29.95 | -0.19 |
| BZS | 49.7 | 206 | Pg | 13:10:28.41 | -0.02 |
| | | | Sg | 10:35.04 | -0.31 |
| DRGR | 106.3 | 36 | Pg | 13:10:38.78 | 0.23 |
| | | | Sg | 10:52.51 | -0.86 |

1697.

2021-11-11 time: 15:29:01.72 UTC ML= 1.8
 lat: 47.080N lon: 19.451E h= 0.0 km
 erh= 3.3km erz= 656km
 nr= 13 gap=193 rms=0.55
 Locality: Táborfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 22.3 | 261 | Pg | 15:29:05.20 | -0.51 |
| | | | Sg | 29:08.22 | -0.60 |
| PKB1 | 60.0 | 237 | Pg | 15:29:12.38 | -0.05 |
| PKB5 | 76.7 | 225 | Pg | 15:29:16.45 | 1.03 |
| | | | Sg | 29:26.84 | 0.74 |
| PENC | 80.0 | 351 | Pg | 15:29:16.80 | 0.79 |
| PKB4 | 91.6 | 225 | Pg | 15:29:17.91 | -0.17 |
| PSZ | 99.0 | 20 | Pg | 15:29:19.41 | 0.00 |
| | | | Sg | 29:32.32 | -0.88 |
| MORH | 114.2 | 213 | Pg | 15:29:22.12 | 0.01 |
| | | | Sg | 29:37.39 | -0.63 |
| PKSM | 114.7 | 213 | Pg | 15:29:22.28 | 0.08 |

Sg 29:37.39 -0.79

1698.

2021-11-11 time: 15:45:08.77 UTC ML= 1.3
 lat: 45.516N lon: 17.856E h= 16.2 km
 erh= 1.6km erz= 0.6km
 nr= 8 gap=338 rms=0.09
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 51.6 | 37 | Pg | 15:45:18.27 | -0.17 |
| | | | Sg | 45:26.10 | 0.13 |
| KOVH | 66.4 | 17 | Pg | 15:45:21.03 | 0.06 |
| | | | Sg | 45:30.41 | -0.08 |
| PKSM | 98.5 | 38 | P* | 15:45:26.05 | 0.06 |
| | | | S* | 45:39.40 | -0.02 |
| MORH | 99.0 | 38 | P* | 15:45:26.08 | 0.02 |
| | | | S* | 45:39.60 | 0.05 |

1699.

2021-11-12 time: 8:36:15.39 UTC ML= 2.0
 lat: 48.758N lon: 16.334E h= 0.0 km
 erh= 4.5km erz= 2.2km
 nr= 11 gap=167 rms=0.45
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 34.1 | 8 | Pg | 8:36:21.52 | 0.05 |
| | | | Sg | 36:25.48 | -0.74 |
| CONA | 98.7 | 201 | Pg | 8:36:32.79 | -0.22 |
| | | | Sg | 36:46.15 | -0.60 |
| RONA | 117.7 | 181 | Pg | 8:36:36.91 | 0.50 |
| | | | Sg | 36:52.07 | -0.73 |
| MORC | 143.4 | 38 | Pn | 8:36:40.83 | 0.52 |
| | | | Sn | 36:59.54 | -0.20 |
| KRLC | 150.1 | 13 | Pn | 8:36:41.33 | 0.20 |
| | | | Sn | 37:01.11 | -0.10 |
| ARSA | 178.2 | 200 | Sn | 8:37:08.44 | 0.98 |

1700.

2021-11-12 time: 9:10:06.68 UTC ML= 1.9
 lat: 47.365N lon: 18.454E h= 0.0 km
 erh= 2.0km erz= 3.2km
 nr= 12 gap=130 rms=0.57
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.7 | 302 | PgU | 9:10:08.06 | 0.37 |
| | | | Sg | 10:08.68 | 0.21 |
| CSKK | 14.6 | 269 | Pg | 9:10:09.56 | 0.27 |
| | | | Sg | 10:11.34 | 0.01 |
| PKST | 33.9 | 250 | Pg | 9:10:12.66 | -0.06 |
| | | | Sg | 10:16.84 | -0.60 |
| MPLH | 72.5 | 253 | Pg | 9:10:20.09 | 0.46 |
| PSZ | 124.5 | 60 | Pg | 9:10:29.41 | 0.50 |
| VYHS | 128.7 | 13 | Pg | 9:10:29.51 | -0.16 |
| | | | Sg | 10:46.08 | -1.52 |
| MODS | 142.6 | 322 | Sn | 9:10:48.69 | -2.15 |
| KOVH | 144.5 | 191 | Sn | 9:10:50.00 | -1.26 |

1701.

2021-11-12 time: 9:21:39.14 UTC ML= 1.7
 lat: 48.620N lon: 20.794E h= 0.0 km
 erh= 3.1km erz= 5.6km
 nr= 9 gap=117 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 27.4 | 236 | Pg | 9:21:44.71 | 0.68 |
| | | | Sg | 21:48.03 | 0.18 |
| ABAH | 48.8 | 138 | Sg | 9:21:55.26 | 0.61 |
| STHS | 94.5 | 20 | Sg | 9:22:07.51 | -1.67 |
| NIE | 95.6 | 338 | Sg | 9:22:10.52 | 1.00 |
| PSZ | 102.7 | 221 | Pg | 9:21:57.47 | -0.01 |
| | | | Sg | 22:10.62 | -1.16 |
| LANS | 113.8 | 301 | Pg | 9:21:59.38 | -0.08 |
| VYHS | 145.2 | 264 | Sn | 9:22:23.07 | -0.82 |

1702.

2021-11-12 time: 9:29:59.51 UTC ML= 1.9
 lat: 48.519N lon: 17.531E h= 0.0 km
 erh= 2.8km erz= 4.2km
 nr= 10 gap=146 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 7.6 | 266 | Pg | 9:30:00.94 | 0.08 |
| | | | Sg | 30:01.75 | -0.16 |
| MODS | 24.8 | 229 | Pg | 9:30:04.56 | 0.63 |
| | | | Sg | 30:07.92 | 0.54 |
| VYHS | 96.5 | 92 | Sg | 9:30:30.07 | -0.12 |
| SRO | 97.7 | 143 | Sg | 9:30:29.92 | -0.65 |
| KRUC | 103.0 | 306 | Sg | 9:30:31.82 | -0.42 |
| RONA | 129.4 | 225 | Sg | 9:30:39.41 | -1.24 |
| CONA | 140.3 | 242 | Pn | 9:30:24.79 | 0.75 |
| | | | Sn | 30:41.76 | -1.42 |

1703.

2021-11-12 time: 9:34:23.06 UTC ML= 2.0
 lat: 48.961N lon: 16.453E h= 0.0 km
 erh= 3.7km erz= 4.2km
 nr= 11 gap=144 rms=0.71
 Locality: Czechia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KRUC | 12.0 | 339 | Pg | 9:34:25.51 | 0.31 |
| | | | Sg | 34:26.31 | -0.56 |
| MORC | 120.4 | 41 | Pg | 9:34:45.09 | 0.53 |
| | | | Sg | 34:59.96 | -1.38 |
| CONA | 122.9 | 201 | Pg | 9:34:44.79 | -0.21 |
| | | | Sg | 35:01.38 | -0.74 |
| KRLC | 126.2 | 11 | Pg | 9:34:46.04 | 0.44 |
| | | | Sg | 35:01.51 | -1.67 |
| RONA | 140.7 | 185 | Pn | 9:34:48.54 | 0.90 |
| | | | Sn | 35:06.27 | -0.55 |
| ARSA | 202.4 | 200 | Sn | 9:35:21.22 | 0.72 |

1704.

2021-11-12 time: 10:02:50.93 UTC ML= 0.9
 lat: 46.178N lon: 18.292E h= 0.0 km
 erh= 0.9km erz= 165km
 nr= 8 gap=205 rms=0.12
 Locality: Zobákpusztá
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 17.9 | 236 | PgU | 10:02:54.06 | -0.06 |
| | | | Sg | 02:56.51 | -0.10 |
| PKSM | 27.2 | 82 | Pg | 10:02:55.86 | 0.07 |
| | | | Sg | 02:59.54 | -0.04 |
| MORH | 27.5 | 81 | Pg | 10:02:55.91 | 0.07 |
| | | | Sg | 02:59.41 | -0.26 |
| PKSV | 32.3 | 185 | Pg | 10:02:56.87 | 0.17 |
| | | | Sg | 03:01.08 | -0.13 |

1705.

2021-11-12 time: 10:31:50.28 UTC ML= 1.9
 lat: 47.453N lon: 16.320E h= 0.0 km
 erh= 3.2km erz= 4.9km
 nr= 11 gap=148 rms=0.77
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 27.5 | 356 | Pg | 10:31:55.32 | 0.14 |
| | | | Sg | 31:59.53 | 0.52 |
| CONA | 63.1 | 327 | Pg | 10:32:02.35 | 0.81 |
| | | | Sg | 32:11.38 | 1.06 |
| ARSA | 64.3 | 249 | Pg | 10:32:01.74 | -0.02 |
| | | | Sg | 32:08.57 | -2.15 |
| KOGS | 111.9 | 183 | Pg | 10:32:10.28 | 0.03 |
| | | | Sg | 32:25.84 | 0.01 |
| MODS | 124.9 | 35 | Sg | 10:32:28.15 | -1.82 |
| KRUC | 179.0 | 2 | Pn | 10:32:19.32 | -0.31 |
| | | | Sn | 32:41.51 | -1.01 |

1706.

2021-11-12 time: 11:00:37.42 UTC ML= 2.1
 lat: 48.164N lon: 16.861E h= 0.0 km
 erh= 1.2km erz= 2.3km
 nr= 7 gap=141 rms=0.31
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZST | 18.3 | 79 | Pg | 11:00:40.76 | 0.07 |
| | | | Sg | 00:43.48 | 0.25 |
| MODS | 38.7 | 53 | Pg | 11:00:44.28 | -0.05 |
| | | | Sg | 00:49.34 | -0.39 |
| RONA | 66.7 | 219 | Sg | 11:00:58.03 | -0.58 |
| KRUC | 105.6 | 341 | Sg | 11:01:11.18 | 0.18 |
| ARSA | 142.8 | 225 | Sn | 11:01:22.30 | 0.67 |

1707.

2021-11-12 time: 11:05:47.72 UTC ML= 1.7
 lat: 47.875N lon: 20.134E h= 0.0 km
 erh= 2.5km erz= 439km
 nr= 7 gap=201 rms=0.29
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 18.5 | 285 | Pg | 11:05:50.99 | -0.04 |
| | | | Sg | 05:54.00 | 0.39 |
| PENC | 64.5 | 262 | Pg | 11:05:59.42 | 0.18 |
| | | | Sg | 06:07.66 | -0.56 |
| KECS | 72.5 | 21 | Sg | 11:06:10.67 | -0.10 |
| ABAH | 94.8 | 60 | Pg | 11:06:04.84 | 0.20 |
| | | | Sg | 06:17.30 | -0.54 |

1708.

2021-11-12 time: 11:11:56.91 UTC ML= 1.8
 lat: 47.875N lon: 20.129E h= 0.0 km
 erh= 4.4km erz= 3.4km
 nr= 10 gap=186 rms=0.78
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 18.2 | 285 | Pg | 11:12:00.80 | 0.65 |
| | | | Sg | 12:03.24 | 0.56 |
| PENC | 64.1 | 262 | Sg | 11:12:16.80 | -0.49 |
| KECS | 72.6 | 21 | Sg | 11:12:20.42 | 0.44 |
| ABAH | 95.1 | 61 | Sg | 11:12:26.28 | -0.84 |
| VYHS | 118.2 | 306 | Pg | 11:12:18.37 | 0.36 |

Földrengés paraméterek

Hypocenter Parameters

Sg 12:31.23 -3.25
 PKSG 141.3 248 Sn 11:12:39.75 -1.03
 LANS 150.0 341 Sn 11:12:42.97 0.26
 PKST 171.9 246 Sn 11:12:47.40 -0.17

1709.

2021-11-12 time: 12:25:23.48 UTC ML= 2.0
 lat: 47.006N lon: 22.316E h= 0.0 km
 erh= 7.5km erz= 4.7km
 nr= 10 gap=257 rms=0.84
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------|----------|-----|-------|
| DRGR | 38.4 | 128 | Pg | 12:25 | 30.91 | | 0.58 |
| | | | Sg | | 25:36.64 | | 0.96 |
| SIRR | 96.2 | 211 | Pg | 12:25 | 41.66 | | 1.00 |
| | | | Sg | | 25:52.61 | | -1.45 |
| CJR | 103.0 | 108 | Pg | 12:25 | 41.15 | | -0.73 |
| | | | Sg | | 25:55.21 | | -1.02 |
| BZS | 163.5 | 199 | Pn | 12:25 | 50.80 | | -0.10 |
| | | | Sn | | 26:10.88 | | -1.41 |
| GZR | 182.7 | 169 | Pn | 12:25 | 53.64 | | 0.35 |
| | | | Sn | | 26:16.98 | | 0.43 |

1710.

2021-11-12 time: 13:01:32.31 UTC ML= 1.0
 lat: 47.746N lon: 18.689E h= 0.0 km
 erh= 3.8km erz= 894km
 nr= 8 gap=161 rms=0.63
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------|----------|-----|-------|
| PENC | 44.7 | 84 | Sg | 13:01 | 45.87 | | -0.66 |
| PKSG | 45.3 | 210 | Pg | 13:01 | 40.77 | | 0.37 |
| | | | Sg | | 01:46.85 | | 0.13 |
| CSKK | 53.4 | 217 | Sg | 13:01 | 48.41 | | -0.87 |
| PKST | 73.2 | 222 | Pg | 13:01 | 46.30 | | 0.91 |
| | | | Sg | | 01:54.74 | | -0.85 |
| A339 | 77.9 | 277 | Sg | 13:01 | 56.62 | | -0.47 |
| PSZ | 92.3 | 78 | Sg | 13:02 | 01.81 | | 0.16 |

1711.

2021-11-13 time: 0:21:09.65 UTC ML= 1.7
 lat: 46.007N lon: 17.380E h= 3.3 km
 erh= 2.8km erz= 2.5km
 nr= 18 gap=161 rms=0.69
 Locality: Péterhida
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------|----------|-----|-------|
| KOVH | 56.4 | 81 | Pg | 0:21 | 20.54 | | 0.80 |
| | | | Sg | | 21:28.12 | | 0.50 |
| PKSV | 68.9 | 101 | Pg | 0:21 | 22.24 | | 0.27 |
| | | | Sg | | 21:31.38 | | -0.19 |
| BEHE | 69.5 | 318 | Pg | 0:21 | 23.37 | | 1.30 |
| | | | Sg | | 21:31.73 | | -0.03 |
| KOGS | 100.0 | 299 | Pg | 0:21 | 27.24 | | -0.28 |
| | | | Sg | | 21:39.91 | | -1.55 |
| PKSM | 100.1 | 77 | Pg | 0:21 | 27.49 | | -0.05 |
| | | | Sg | | 21:40.47 | | -1.02 |
| MORH | 100.4 | 77 | Pg | 0:21 | 27.68 | | 0.08 |
| | | | Sg | | 21:40.47 | | -1.12 |
| PKB4 | 108.9 | 60 | Pg | 0:21 | 29.08 | | -0.03 |
| | | | Sg | | 21:42.94 | | -1.34 |
| PKB1 | 138.8 | 51 | Sn | 0:21 | 52.25 | | 0.03 |
| PKST | 147.9 | 20 | Sn | 0:21 | 54.50 | | 0.26 |
| CRES | 150.6 | 262 | Pn | 0:21 | 35.54 | | 0.50 |
| | | | Sn | | 21:53.65 | | -1.19 |

1712.

2021-11-13 time: 13:20:04.55 UTC ML= 1.4
 lat: 48.627N lon: 20.740E h= 9.4 km
 erh= 5.6km erz= 5.2km
 nr= 7 gap=204 rms=0.45
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------|----------|-----|-------|
| KECS | 24.7 | 229 | Pg | 13:20 | 08.98 | | -0.28 |
| | | | Sg | | 20:12.85 | | -0.09 |
| ABAH | 52.2 | 135 | Pg | 13:20 | 14.43 | | 0.41 |
| | | | Sg | | 20:20.63 | | -0.78 |
| PSZ | 100.8 | 219 | Pg | 13:20 | 23.24 | | 0.62 |
| | | | Sg | | 20:36.30 | | -0.41 |
| KOLS | 117.7 | 73 | Sn | 13:20 | 40.82 | | -0.23 |

1713.

2021-11-14 time: 2:54:42.64 UTC ML= 1.9
 lat: 45.894N lon: 16.017E h= 12.9 km
 erh= 3.3km erz= 2.0km
 nr= 17 gap=177 rms=0.70
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------|----------|-----|-------|
| PTJ | 4.6 | 279 | PgD | 2:54 | 44.66 | | -0.43 |
| | | | Sg | | 54:45.71 | | -1.29 |
| ZAG | 7.4 | 194 | Pg | 2:54 | 45.19 | | -0.11 |
| | | | Sg | | 54:46.49 | | -0.88 |
| GCIS | 30.4 | 264 | iPg | 2:54 | 49.07 | | 0.54 |
| GOLS | 33.1 | 293 | iPg | 2:54 | 50.05 | | 1.07 |
| CRES | 44.1 | 260 | Pg | 2:54 | 51.29 | | 0.44 |
| | | | Sg | | 54:57.34 | | 0.08 |
| DOBS | 51.0 | 304 | iPg | 2:54 | 52.70 | | 0.66 |
| KOGS | 64.2 | 16 | Pg | 2:54 | 54.90 | | 0.56 |
| | | | Sg | | 55:02.49 | | -0.97 |
| GROS | 74.5 | 328 | Pg | 2:54 | 56.20 | | 0.05 |
| | | | Sg | | 55:05.64 | | -1.05 |
| PERS | 107.8 | 320 | Pn | 2:55 | 01.33 | | -0.14 |
| | | | Sn | | 55:14.99 | | -1.16 |
| SOKA | 115.5 | 319 | Sn | 2:55 | 17.00 | | -0.87 |
| ARSA | 155.5 | 346 | Sn | 2:55 | 28.88 | | 2.14 |

1714.

2021-11-14 time: 21:07:56.22 UTC ML= 1.1
 lat: 47.722N lon: 18.305E h= 2.0 km
 erh= 1.7km erz=13.6km
 nr= 9 gap=166 rms=0.26
 Locality: Kótelek
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------|----------|-----|-------|
| SRO | 10.2 | 4 | Pg | 21:07 | 57.89 | | -0.18 |
| | | | Sg | | 07:59.60 | | 0.08 |
| PKSG | 37.3 | 170 | Pg | 21:08 | 03.07 | | 0.19 |
| | | | Sg | | 08:08.39 | | 0.32 |
| CSKK | 40.0 | 185 | Sg | 21:08 | 08.53 | | -0.42 |
| PKST | 55.4 | 202 | Pg | 21:08 | 05.94 | | -0.17 |
| | | | Sg | | 08:13.50 | | -0.32 |
| EGYH | 80.7 | 245 | Sg | 21:08 | 21.78 | | -0.09 |
| MPLH | 84.2 | 223 | Pg | 21:08 | 11.64 | | 0.38 |

1715.

2021-11-15 time: 6:23:26.39 UTC ML= 1.4
 lat: 47.291N lon: 18.360E h= 0.0 km
 erh= 2.2km erz= 3.3km
 nr= 13 gap=111 rms=0.74
 Locality: Magyaralmás
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.0 | 317 | Pg | 6:23:28.12 | -0.23 |
| | | | Sg | 23:28.92 | -0.95 |
| PKSG | 11.4 | 12 | Pg | 6:23:29.12 | 0.69 |
| | | | Sg | 23:31.03 | 1.00 |
| PKST | 24.9 | 262 | Pg | 6:23:30.63 | -0.20 |
| | | | Sg | 23:34.45 | 0.16 |
| MPLH | 63.5 | 258 | Sg | 6:23:47.90 | 1.31 |
| MORH | 121.5 | 170 | Sg | 6:24:04.61 | -0.40 |
| PKSM | 121.9 | 170 | Sg | 6:24:04.31 | -0.83 |
| PSZ | 134.9 | 59 | Pn | 6:23:50.75 | 0.51 |
| | | | Sn | 24:07.72 | -1.12 |
| KOVH | 135.2 | 188 | Sn | 6:24:08.83 | -0.08 |
| VYHS | 138.4 | 15 | Sn | 6:24:07.32 | -2.31 |

1716.

2021-11-15 time: 9:06:08.96 UTC ML= 1.2
 lat: 48.001N lon: 20.329E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 6 gap=190 rms=0.40
 Locality: Szarvaskő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 33.7 | 254 | Pg | 9:06:15.12 | 0.13 |
| | | | Sg | 06:19.44 | -0.25 |
| KECS | 54.8 | 12 | Pg | 9:06:18.93 | 0.18 |
| | | | Sg | 06:26.87 | 0.48 |
| ABAH | 75.3 | 64 | Sg | 9:06:32.49 | -0.39 |
| LANS | 142.7 | 334 | Sn | 9:06:51.82 | -1.34 |

1717.

2021-11-15 time: 9:17:02.14 UTC ML= 1.2
 lat: 48.819N lon: 20.107E h= 0.0 km
 erh= 2.4km erz= 822km
 nr= 8 gap=112 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 46.7 | 143 | Pg | 9:17:11.10 | 0.63 |
| | | | Sg | 17:16.36 | -0.61 |
| LANS | 59.5 | 308 | Pg | 9:17:13.47 | 0.70 |
| | | | Sg | 17:20.70 | -0.37 |
| NIE | 68.4 | 13 | Sg | 9:17:23.24 | -0.63 |
| VYHS | 100.4 | 249 | Sg | 9:17:33.15 | -0.89 |
| PSZ | 101.4 | 189 | Sg | 9:17:34.11 | -0.27 |
| ABAH | 101.9 | 125 | Sg | 9:17:34.63 | 0.10 |

1718.

2021-11-15 time: 9:38:25.70 UTC ML= 1.5
 lat: 48.901N lon: 21.044E h= 0.0 km
 erh= 2.4km erz= 3.2km
 nr= 9 gap=107 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| STHS | 59.2 | 14 | Pg | 9:38:36.32 | 0.05 |
| | | | Sg | 38:43.75 | -0.77 |
| KECS | 62.0 | 222 | Pg | 9:38:37.24 | 0.46 |
| | | | Sg | 38:44.72 | -0.69 |
| ABAH | 68.8 | 168 | Pg | 9:38:38.54 | 0.55 |
| | | | Sg | 38:47.18 | -0.39 |
| KOLS | 90.2 | 88 | Pg | 9:38:41.79 | -0.02 |
| PSZ | 138.5 | 218 | Sn | 9:39:08.17 | -0.79 |
| OJC | 172.1 | 328 | Sn | 9:39:16.85 | 0.42 |

1719.

2021-11-15 time: 9:45:54.88 UTC ML= 1.7
 lat: 48.876N lon: 21.323E h= 0.0 km
 erh= 2.6km erz= 4.1km
 nr= 15 gap= 90 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| STHS | 60.4 | 354 | Pg | 9:46:06.52 | 0.86 |
| | | | Sg | 46:13.44 | -0.63 |
| ABAH | 64.8 | 185 | Pg | 9:46:07.58 | 1.13 |
| | | | Sg | 46:14.64 | -0.84 |
| KOLS | 69.9 | 85 | Pg | 9:46:07.97 | 0.60 |
| | | | Sg | 46:16.80 | -0.31 |
| KECS | 75.6 | 235 | Pg | 9:46:09.49 | 1.11 |
| | | | Sg | 46:17.52 | -1.39 |
| NIE | 95.2 | 309 | Pg | 9:46:11.03 | -0.86 |
| TRPA | 122.3 | 133 | Sg | 46:24.15 | -1.00 |
| | | | Pg | 9:46:15.10 | -1.62 |
| LANS | 139.1 | 283 | Pn | 9:46:19.53 | 0.27 |
| | | | Sn | 46:38.21 | -0.06 |
| PSZ | 150.1 | 225 | Pn | 9:46:21.06 | 0.43 |
| | | | Sn | 46:40.64 | -0.08 |

1720.

2021-11-15 time: 9:53:59.02 UTC ML= 2.2
 lat: 47.891N lon: 20.107E h= 0.0 km
 erh= 2.9km erz= 2.3km
 nr= 16 gap=184 rms=0.81
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 16.1 | 281 | PgU | 9:54:02.39 | 0.48 |
| | | | Sg | 54:04.82 | 0.66 |
| PENC | 62.8 | 260 | Pg | 9:54:10.49 | 0.26 |
| | | | Sg | 54:18.63 | -0.34 |
| KECS | 71.6 | 23 | Sg | 9:54:20.03 | -1.75 |
| | | | Pg | 9:54:17.22 | 1.12 |
| ABAH | 95.6 | 62 | Sg | 54:28.81 | -0.61 |
| | | | Pg | 9:54:19.62 | -0.09 |
| VYHS | 115.8 | 305 | Sg | 54:34.30 | -1.54 |
| | | | Pg | 9:54:19.62 | -0.09 |
| PKSG | 140.4 | 247 | Sn | 9:54:41.00 | -1.70 |
| | | | Pn | 9:54:25.43 | 0.95 |
| LANS | 147.8 | 341 | Sn | 54:43.24 | -1.10 |
| | | | Pn | 9:54:25.43 | 0.95 |
| CSKK | 150.7 | 247 | Sn | 9:54:44.40 | -0.58 |
| | | | Sn | 9:54:49.51 | 0.11 |
| NIE | 170.6 | 5 | Sn | 9:54:49.51 | 0.11 |
| | | | Pn | 9:54:27.72 | 0.34 |
| PKST | 171.0 | 246 | Pn | 9:54:27.72 | 0.34 |
| | | | Sn | 54:49.41 | -0.09 |

1721.

2021-11-15 time: 10:09:08.08 UTC ML= 2.1
 lat: 47.880N lon: 20.097E h= 0.0 km
 erh= 5.4km erz= 4.1km
 nr= 11 gap=186 rms=0.91
 Locality: Kiszána
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 15.8 | 286 | Pg | 10:09:11.55 | 0.66 |
| | | | Sg | 09:13.81 | 0.73 |
| PENC | 61.9 | 261 | Sg | 10:09:27.38 | -0.36 |
| | | | Sg | 10:09:30.37 | -0.92 |
| KECS | 73.0 | 23 | Sg | 10:09:30.37 | -0.92 |
| | | | Sg | 10:09:38.04 | -0.82 |
| ABAH | 96.9 | 61 | Sg | 10:09:38.04 | -0.82 |
| | | | Pg | 10:09:29.13 | 0.34 |
| VYHS | 116.0 | 306 | Sg | 09:43.39 | -1.56 |
| | | | Sn | 10:09:50.30 | -1.20 |
| PKSG | 139.3 | 247 | Sn | 10:09:50.30 | -1.20 |
| | | | Pn | 10:09:33.45 | -0.21 |
| LANS | 148.8 | 342 | Sn | 09:53.03 | -0.58 |
| | | | Pn | 10:09:38.23 | 1.69 |
| NIE | 171.9 | 5 | Pn | 10:09:38.23 | 1.69 |
| | | | Pn | 10:09:38.23 | 1.69 |

Földrengés paraméterek

Hypocenter Parameters

1722.

2021-11-15 time: 10:46:31.30 UTC ML= 1.9
 lat: 48.628N lon: 20.763E h= 0.0 km
 erh= 1.6km erz= 2.5km
 nr= 9 gap= 95 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.1 | 232 | Pg | 10:46:36.21 | 0.25 |
| | | | Sg | 46:39.63 | 0.04 |
| ABAH | 51.1 | 136 | Pg | 10:46:40.48 | 0.06 |
| | | | Sg | 46:47.21 | -0.32 |
| STHS | 94.5 | 22 | Sg | 10:47:01.17 | -0.15 |
| LANS | 111.3 | 301 | Pg | 10:46:51.12 | -0.06 |
| TRPA | 142.7 | 113 | Sn | 10:47:13.62 | -1.88 |
| VYHS | 143.0 | 264 | Pn | 10:46:56.75 | 0.58 |
| | | | Sn | 47:14.62 | -0.94 |

1723.

2021-11-15 time: 14:30:47.57 UTC ML= 1.5
 lat: 47.869N lon: 16.050E h= 0.0 km
 erh= 2.7km erz= 3.6km
 nr= 11 gap= 85 rms=0.89
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.5 | 295 | Pg | 14:30:51.31 | 0.97 |
| | | | Sg | 30:53.32 | 0.82 |
| RONA | 26.4 | 136 | Pg | 14:30:53.22 | 0.93 |
| | | | Sg | 30:56.53 | 0.56 |
| ARSA | 79.4 | 210 | Pg | 14:31:01.35 | -0.40 |
| | | | Sg | 31:11.19 | -1.63 |
| MODS | 107.2 | 58 | Sg | 14:31:21.13 | -0.52 |
| KRUC | 135.0 | 11 | Pn | 14:31:10.99 | -0.45 |
| | | | Sn | 31:27.66 | -2.40 |
| MPLH | 136.5 | 125 | Sn | 14:31:30.37 | -0.02 |
| GROS | 162.0 | 195 | Sn | 14:31:35.49 | -0.56 |

1724.

2021-11-15 time: 18:31:40.63 UTC ML= 2.1
 lat: 45.916N lon: 16.014E h= 5.4 km
 erh= 1.6km erz= 1.6km
 nr= 22 gap=172 rms=0.48
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PTJ | 4.7 | 248 | Pg | 18:31:42.03 | 0.12 |
| | | | Sg | 31:43.03 | 0.12 |
| ZAG | 9.8 | 189 | Pg | 18:31:42.51 | -0.12 |
| | | | Sg | 31:43.41 | -0.79 |
| GCIS | 30.5 | 260 | iPg | 18:31:46.36 | 0.19 |
| | | | iSg | 31:50.50 | 0.02 |
| GOLS | 32.0 | 289 | iPg | 18:31:47.19 | 0.76 |
| | | | Pg | 18:31:48.56 | -0.07 |
| CRES | 44.4 | 257 | Sg | 31:54.66 | -0.20 |
| | | | iPg | 18:31:50.69 | 0.34 |
| KOGS | 61.9 | 17 | eSg | 31:58.35 | 0.42 |
| | | | Pg | 18:31:51.97 | 0.25 |
| GROS | 72.3 | 327 | Sg | 31:59.86 | -0.51 |
| | | | Pg | 18:31:53.73 | 0.15 |
| PERS | 105.8 | 319 | Sg | 32:02.90 | -0.79 |
| | | | Pg | 18:31:59.37 | -0.17 |
| SOKA | 113.5 | 318 | Sg | 32:12.49 | -1.80 |
| | | | Pg | 18:32:00.84 | -0.09 |
| OBKA | 130.9 | 300 | Sg | 32:15.14 | -1.62 |
| | | | Pn | 18:32:04.01 | 0.71 |
| ARSA | 153.0 | 346 | Sn | 32:19.76 | -1.21 |
| | | | Sn | 18:32:26.31 | 0.42 |

1725.

2021-11-16 time: 8:18:27.30 UTC ML= 1.8
 lat: 46.070N lon: 22.839E h= 0.0 km
 erh= 3.3km erz= 5.1km
 nr= 7 gap=119 rms=0.76
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 21.4 | 167 | Pg | 8:18:31.95 | 0.83 |
| | | | Sg | 18:34.61 | 0.52 |
| GZR | 75.4 | 184 | Sg | 8:18:50.37 | -0.90 |
| DRGR | 80.8 | 353 | Sg | 8:18:53.59 | 0.61 |
| SIRR | 93.7 | 284 | Sg | 8:18:56.35 | -0.73 |
| VOIR | 185.8 | 112 | Pn | 8:18:56.55 | -0.95 |
| | | | Sn | 19:20.85 | -0.21 |

1726.

2021-11-16 time: 8:20:21.20 UTC ML= 1.8
 lat: 46.061N lon: 22.828E h= 0.0 km
 erh= 2.3km erz= 4.5km
 nr= 11 gap=118 rms=0.57
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 20.5 | 164 | Pg | 8:20:25.16 | 0.29 |
| | | | Sg | 20:27.67 | -0.06 |
| GZR | 74.3 | 183 | Pg | 8:20:34.85 | 0.39 |
| | | | Sg | 20:43.79 | -1.01 |
| DRGR | 81.8 | 354 | Pg | 8:20:35.75 | -0.05 |
| | | | Sg | 20:46.45 | -0.74 |
| SIRR | 93.1 | 284 | Pg | 8:20:38.66 | 0.83 |
| | | | Sg | 20:50.51 | -0.29 |
| BZS | 106.3 | 242 | Sg | 8:20:53.73 | -1.25 |
| VOIR | 186.2 | 112 | Pn | 8:20:51.67 | 0.22 |
| | | | Sn | 21:14.66 | -0.39 |

1727.

2021-11-16 time: 9:16:05.79 UTC ML= 1.5
 lat: 47.330N lon: 18.463E h= 0.0 km
 erh= 1.8km erz= 2.6km
 nr= 12 gap=115 rms=0.62
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.8 | 321 | PgU | 9:16:07.77 | 0.40 |
| | | | Sg | 16:08.16 | -0.43 |
| CSKK | 15.8 | 284 | Pg | 9:16:09.09 | 0.48 |
| | | | Sg | 16:10.72 | -0.09 |
| PKST | 33.4 | 256 | Pg | 9:16:12.35 | 0.59 |
| | | | Sg | 16:15.53 | -0.88 |
| MORH | 124.6 | 174 | Sg | 9:16:44.92 | -0.48 |
| PKSM | 125.0 | 174 | Sg | 9:16:45.32 | -0.22 |
| PSZ | 125.9 | 59 | Sg | 9:16:46.17 | 0.36 |
| VYHS | 132.4 | 12 | Sn | 9:16:46.42 | -1.28 |
| KOVH | 140.8 | 191 | Sn | 9:16:49.79 | 0.23 |
| MODS | 146.1 | 323 | Sn | 9:16:48.38 | -2.36 |

1728.

2021-11-16 time: 9:53:51.21 UTC ML= 1.6
 lat: 47.103N lon: 18.054E h= 0.0 km
 erh= 0.8km erz= 313km
 nr= 14 gap=117 rms=0.26
 Locality: Vilonya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 17.4 | 355 | Pg | 9:53:53.81 | -0.50 |

Hypocenter Parameters

| Station | Dist | Azm | Phase | hr | mn | sec | res |
|---------|-------|-----|-------|------------|----|-----|--------|
| | | | Sg | 53:56.39 | | | -0.35 |
| CSKK | 32.9 | 28 | Pg | 9:53:57.17 | | | 0.09 |
| | | | Sg | 54:01.79 | | | 0.13 |
| MPLH | 39.7 | 281 | Pg | 9:53:58.33 | | | 0.03 |
| | | | Sg | 54:04.05 | | | 0.21 |
| PKSG | 41.0 | 38 | Pg | 9:53:58.72 | | | 0.19 |
| | | | Sg | 54:04.41 | | | 0.17 |
| MORH | 108.5 | 155 | Pg | 9:54:10.70 | | | 0.12 |
| | | | Sg | 54:25.36 | | | -0.33 |
| PKSM | 108.8 | 156 | Pg | 9:54:10.75 | | | 0.11 |
| | | | Sg | 54:25.34 | | | -0.45 |
| KOVH | 112.9 | 178 | Pg | 9:54:11.65 | | | 0.29 |
| | | | Sg | 54:25.54 | | | -1.54* |

1729.

2021-11-16 time: 10:06:46.67 UTC ML= 1.7
 lat: 48.515N lon: 18.733E h= 0.0 km
 erh= 1.8km erz= 2.5km
 nr= 12 gap= 69 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| VYHS | 8.0 | 107 | Pg | 10:06:48.97 | | | 0.87 |
| | | | Sg | 06:49.58 | | | 0.36 |
| LANS | 88.9 | 37 | Sg | 10:07:14.63 | | | -0.30 |
| PENC | 90.4 | 153 | Pg | 10:07:02.78 | | | -0.03 |
| | | | Sg | 07:15.33 | | | -0.06 |
| MODS | 108.8 | 262 | Sg | 10:07:22.09 | | | 0.83 |
| PSZ | 108.9 | 128 | Pg | 10:07:06.20 | | | 0.08 |
| | | | Sg | 07:20.15 | | | -1.14 |
| PKSG | 127.5 | 192 | Sg | 10:07:26.98 | | | -0.22 |
| CSKK | 132.9 | 195 | Sn | 10:07:27.28 | | | -1.40 |
| NIE | 153.3 | 49 | Sn | 10:07:33.33 | | | 0.12 |
| MORC | 165.0 | 328 | Sn | 10:07:34.92 | | | -0.89 |

1730.

2021-11-16 time: 10:51:35.67 UTC ML= 0.8
 lat: 46.017N lon: 18.500E h= 0.0 km
 erh= 1.9km erz= 288km
 nr= 8 gap=207 rms=0.21
 Locality: Monyoród
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 23.9 | 233 | Pg | 10:51:39.97 | | | 0.02 |
| | | | Sg | 51:43.46 | | | 0.18 |
| PKSM | 24.3 | 27 | Pg | 10:51:39.89 | | | -0.12 |
| | | | Sg | 51:43.56 | | | 0.17 |
| MORH | 24.8 | 27 | Pg | 10:51:39.99 | | | -0.11 |
| | | | Sg | 51:43.56 | | | 0.01 |
| KOVH | 32.0 | 284 | Sg | 10:51:45.09 | | | -0.75 |
| PKB4 | 53.9 | 9 | Sg | 10:51:53.17 | | | 0.36 |

1731.

2021-11-16 time: 10:59:49.43 UTC ML= 1.7
 lat: 46.042N lon: 22.848E h= 0.0 km
 erh= 2.4km erz= 694km
 nr= 10 gap=174 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DEV | 18.1 | 166 | Pg | 10:59:52.92 | | | 0.26 |
| | | | Sg | 59:55.28 | | | 0.10 |
| GZR | 72.3 | 184 | Pg | 10:60:02.30 | | | -0.03 |
| | | | Sg | 60:11.34 | | | -1.06 |
| DRGR | 84.0 | 353 | Pg | 10:60:04.42 | | | -0.01 |
| | | | Sg | 60:15.36 | | | -0.78 |
| SIRR | 95.2 | 285 | Pg | 10:60:07.12 | | | 0.69 |
| | | | Sg | 60:19.38 | | | -0.31 |
| BZS | 106.7 | 244 | Pg | 10:60:08.99 | | | 0.50 |

Földrengés paraméterek

Sg 60:22.19 -1.16

1732.

2021-11-16 time: 12:25:57.98 UTC ML= 1.1
 lat: 47.559N lon: 18.447E h= 0.0 km
 erh= 5.2km erz= 3.7km
 nr= 8 gap=174 rms=0.52
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSG | 19.1 | 193 | Sg | 12:26:04.25 | | | 0.20 |
| CSKK | 26.0 | 213 | Pg | 12:26:02.71 | | | 0.09 |
| | | | Sg | 26:06.38 | | | 0.15 |
| PKST | 45.7 | 223 | Pg | 12:26:06.29 | | | 0.15 |
| | | | Sg | 26:12.55 | | | 0.05 |
| VYHS | 107.9 | 16 | Pg | 12:26:17.71 | | | 0.46 |
| | | | Sg | 26:30.74 | | | -1.54 |
| KOVH | 165.7 | 189 | Sn | 12:26:46.21 | | | -1.06 |

1733.

2021-11-17 time: 9:52:11.71 UTC ML= 2.0
 lat: 45.617N lon: 17.306E h= 0.0 km
 erh= 2.0km erz= 4.2km
 nr= 16 gap=118 rms=0.74
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSV | 79.6 | 68 | Pg | 9:52:26.76 | | | 0.83 |
| | | | Sg | 52:36.90 | | | -0.11 |
| KOVH | 80.9 | 50 | Pg | 9:52:27.06 | | | 0.90 |
| | | | Sg | 52:38.61 | | | 1.18 |
| BLY | 97.0 | 186 | Pg | 9:52:29.25 | | | 0.22 |
| | | | Sg | 52:42.15 | | | -0.39 |
| PTJ | 109.5 | 287 | Pg | 9:52:31.69 | | | 0.43 |
| | | | Sg | 52:45.92 | | | -0.59 |
| PKSM | 122.9 | 57 | Pg | 9:52:33.06 | | | -0.60 |
| | | | Sg | 52:49.53 | | | -1.25 |
| KOGS | 123.3 | 319 | Pg | 9:52:34.52 | | | 0.78 |
| | | | Sg | 52:49.96 | | | -0.95 |
| MORH | 123.3 | 57 | Pg | 9:52:33.39 | | | -0.35 |
| | | | Sg | 52:49.56 | | | -1.36 |
| CRES | 145.8 | 279 | Pn | 9:52:36.53 | | | -0.40 |
| | | | Sn | 52:55.36 | | | -1.23 |

1734.

2021-11-17 time: 10:00:35.53 UTC ML= 0.8
 lat: 47.207N lon: 18.266E h= 0.0 km
 erh= 1.9km erz= 2.3km
 nr= 8 gap=141 rms=0.29
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CSKK | 17.4 | 359 | Pg | 10:00:38.71 | | | 0.07 |
| | | | Sg | 00:40.71 | | | -0.35 |
| PKST | 18.5 | 288 | Pg | 10:00:38.91 | | | 0.07 |
| | | | Sg | 00:41.32 | | | -0.09 |
| PKSG | 22.6 | 25 | Pg | 10:00:39.86 | | | 0.29 |
| | | | Sg | 00:42.77 | | | 0.05 |
| PKSM | 114.3 | 165 | Sg | 10:01:10.19 | | | -1.67 |
| VYHS | 149.3 | 17 | Sn | 10:01:20.95 | | | -0.25 |

Földrengés paraméterek

Hypocenter Parameters

1735.

2021-11-17 time: 10:05:00.23 UTC ML= 1.8
 lat: 46.853N lon: 17.449E h= 0.0 km
 erh= 5.0km erz= 900km
 nr= 8 gap=222 rms=0.65
 Locality: Kisapáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 36.0 | 11 | Pg | 10:05:06.20 | -0.45 |
| | | | Sg | 05:11.43 | -0.23 |
| PKST | 63.4 | 45 | Pg | 10:05:11.89 | 0.34 |
| | | | Sg | 05:21.09 | 0.71 |
| KOVH | 98.6 | 150 | Pg | 10:05:18.56 | 0.73 |
| | | | Sg | 05:29.97 | -1.59 |
| MORH | 115.9 | 128 | Sg | 10:05:37.10 | 0.05 |
| PKSM | 116.0 | 128 | Sg | 10:05:36.40 | -0.69 |

1736.

2021-11-17 time: 10:56:12.27 UTC ML= 1.3
 lat: 47.892N lon: 16.069E h= 0.0 km
 erh= 1.6km erz= 3.1km
 nr= 8 gap= 86 rms=0.38
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.0 | 285 | Pg | 10:56:15.31 | 0.18 |
| | | | Sg | 56:17.62 | 0.25 |
| RONA | 27.3 | 141 | Pg | 10:56:17.47 | 0.32 |
| | | | Sg | 56:21.08 | 0.12 |
| ARSA | 82.3 | 210 | Sg | 10:56:37.65 | -0.78 |
| MODS | 104.7 | 59 | Sg | 10:56:45.29 | -0.25 |
| KRUC | 132.3 | 10 | Pn | 10:56:35.84 | 0.04 |
| | | | Sn | 56:53.16 | -0.99 |

1737.

2021-11-17 time: 11:56:40.46 UTC ML= 1.7
 lat: 46.939N lon: 22.685E h= 0.0 km
 erh= 2.8km erz= 1.9km
 nr= 7 gap=307 rms=0.35
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 16.5 | 173 | Pg | 11:56:43.55 | 0.15 |
| | | | Sg | 56:45.96 | 0.26 |
| SIRR | 108.3 | 226 | Pg | 11:57:00.12 | 0.32 |
| | | | Sg | 57:14.48 | -0.42 |
| BZS | 168.5 | 209 | Sn | 11:57:30.05 | -0.32 |
| GZR | 171.9 | 178 | Pn | 11:57:08.66 | -0.27 |
| | | | Sn | 57:29.44 | -1.70 |

1738.

2021-11-17 time: 14:14:22.29 UTC ML= 1.6
 lat: 46.362N lon: 18.742E h= 12.2 km
 erh= 1.0km erz= 1.0km
 nr= 31 gap=126 rms=0.46
 Locality: Szekszárd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| MORH | 17.9 | 205 | Pg | 14:14:26.27 | 0.10 |
| | | | Sg | 14:28.94 | -0.26 |
| PKB4 | 18.3 | 325 | PgU | 14:14:26.42 | 0.20 |
| | | | Sg | 14:28.66 | -0.63 |
| PKSM | 18.4 | 205 | PgD | 14:14:26.30 | 0.06 |
| | | | Sg | 14:28.99 | -0.34 |
| PKB5 | 25.9 | 359 | Pg | 14:14:27.49 | 0.09 |
| | | | Sg | 14:30.89 | -0.50 |

| | | | | | |
|------|-------|-----|-----|-------------|-------|
| PKB3 | 35.5 | 79 | Pg | 14:14:28.98 | -0.02 |
| | | | Sg | 14:33.60 | -0.63 |
| PKS2 | 39.0 | 68 | Pg | 14:14:29.81 | 0.22 |
| | | | Sg | 14:35.49 | 0.21 |
| PKS9 | 43.5 | 305 | Pg | 14:14:30.84 | 0.49 |
| | | | Sg | 14:36.97 | 0.33 |
| PKB1 | 47.1 | 5 | Pg | 14:14:30.82 | -0.16 |
| | | | Sg | 14:36.50 | -1.25 |
| PKB2 | 51.7 | 48 | Pg | 14:14:31.59 | -0.19 |
| | | | Sg | 14:38.66 | -0.52 |
| KOVH | 58.2 | 238 | PgU | 14:14:33.09 | 0.19 |
| | | | Sg | 14:40.92 | -0.26 |
| PKSV | 64.9 | 216 | Pg | 14:14:34.13 | 0.05 |
| | | | Sg | 14:42.47 | -0.80 |
| PKS6 | 68.5 | 67 | Pg | 14:14:34.98 | 0.27 |
| | | | Sg | 14:43.84 | -0.56 |
| PKS7 | 82.6 | 23 | Pg | 14:14:37.99 | 0.79 |
| | | | Sg | 14:48.41 | -0.43 |
| PKST | 113.4 | 332 | Pn | 14:14:42.63 | 0.73 |
| | | | Sn | 14:56.39 | -0.80 |
| CSKK | 117.2 | 342 | Sn | 14:14:57.55 | -0.48 |
| PKSG | 117.5 | 347 | Pn | 14:14:43.38 | 0.96 |
| | | | Sn | 14:57.27 | -0.84 |

1739.

2021-11-18 time: 7:07:15.98 UTC ML= 1.0
 lat: 47.158N lon: 18.206E h= 0.0 km
 erh= 2.0km erz= 669km
 nr= 10 gap=105 rms=0.53
 Locality: Ősi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 17.2 | 311 | Pg | 7:07:19.30 | 0.25 |
| | | | Sg | 07:21.79 | 0.35 |
| PKSG | 29.5 | 28 | Sg | 7:07:24.32 | -1.04 |
| MPLH | 50.6 | 272 | Pg | 7:07:25.09 | 0.08 |
| | | | Sg | 07:31.85 | -0.20 |
| PKB1 | 61.0 | 133 | Sg | 7:07:35.45 | 0.09 |
| MORH | 110.0 | 162 | Sg | 7:07:50.41 | -0.54 |
| PKSM | 110.4 | 162 | Pg | 7:07:36.35 | 0.66 |
| | | | Sg | 07:51.12 | 0.06 |
| KOVH | 119.2 | 184 | Sg | 7:07:52.42 | -1.46 |

1740.

2021-11-18 time: 8:33:04.61 UTC ML= 1.2
 lat: 47.332N lon: 18.461E h= 0.0 km
 erh= 1.2km erz= 4.2km
 nr= 9 gap=115 rms=0.42
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.5 | 321 | Pg | 8:33:06.47 | 0.33 |
| | | | Sg | 33:07.02 | -0.31 |
| CSKK | 15.6 | 283 | Sg | 8:33:09.74 | 0.18 |
| PKST | 33.3 | 256 | Pg | 8:33:10.84 | 0.28 |
| | | | Sg | 33:14.51 | -0.68 |
| MORH | 124.8 | 174 | Sg | 8:33:44.08 | -0.21 |
| PKSM | 125.3 | 174 | Sg | 8:33:44.68 | 0.25 |
| PSZ | 125.9 | 59 | Sg | 8:33:44.58 | -0.06 |
| VYHS | 132.2 | 12 | Sn | 8:33:44.83 | -1.65 |

1741.

2021-11-18 time: 9:00:27.73 UTC ML= 1.5
 lat: 46.132N lon: 18.037E h= 0.0 km
 erh= 0.8km erz= 195km
 nr= 12 gap=232 rms=0.16
 Locality: Hetvehely
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| KOVH | 6.9 | 135 | Pg | 9:00:28.75 | | | -0.20 |
| | | | Sg | 00:29.96 | | | 0.05 |
| PKSV | 31.8 | 148 | Pg | 9:00:33.42 | | | 0.02 |
| | | | Sg | 00:37.94 | | | 0.11 |
| PKSM | 47.5 | 79 | Pg | 9:00:36.13 | | | -0.08 |
| | | | Sg | 00:42.66 | | | -0.17 |
| MORH | 47.8 | 79 | Pg | 9:00:36.52 | | | 0.25 |
| | | | Sg | 00:42.89 | | | -0.03 |
| PKS9 | 53.9 | 20 | Pg | 9:00:37.27 | | | -0.08 |
| | | | Sg | 00:45.10 | | | 0.24 |
| PKB5 | 74.4 | 46 | Sg | 9:00:52.41 | | | 1.02* |
| | | | Sg | 9:00:57.18 | | | -0.07 |

1742.

2021-11-18 time: 9:30:25.42 UTC ML= 1.5
 lat: 47.886N lon: 16.069E h= 0.0 km
 erh= 1.9km erz= 3.5km
 nr= 9 gap= 83 rms=0.52
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| CONA | 16.2 | 287 | Pg | 9:30:28.65 | | | 0.33 |
| | | | Sg | 30:31.06 | | | 0.48 |
| RONA | 26.8 | 141 | Pg | 9:30:30.56 | | | 0.36 |
| | | | Sg | 30:34.27 | | | 0.34 |
| SOP | 43.0 | 122 | Sg | 9:30:39.15 | | | 0.06 |
| ARSA | 81.7 | 210 | Sg | 9:30:50.19 | | | -1.20 |
| MODS | 105.0 | 59 | Sg | 9:30:58.43 | | | -0.37 |
| KRUC | 133.0 | 10 | Pn | 9:30:48.89 | | | -0.14 |
| | | | Sn | 31:06.26 | | | -1.19 |

1743.

2021-11-18 time: 9:34:19.96 UTC ML= 2.0
 lat: 47.334N lon: 18.413E h= 0.0 km
 erh= 1.8km erz= 2.7km
 nr= 17 gap= 79 rms=1.02
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 6.6 | 345 | PgU | 9:34:21.53 | | | 0.39 |
| | | | Sg | 34:22.03 | | | -0.03 |
| CSKK | 12.0 | 285 | Pg | 9:34:22.76 | | | 0.66 |
| | | | Sg | 34:24.94 | | | 1.17 |
| PKST | 29.9 | 254 | Pg | 9:34:25.98 | | | 0.68 |
| | | | Sg | 34:29.94 | | | 0.48 |
| BUD | 49.0 | 70 | Sg | 9:34:36.42 | | | 0.90 |
| PKB3 | 117.5 | 150 | Sg | 9:34:57.41 | | | 0.11 |
| MORH | 125.6 | 172 | Sg | 9:34:58.46 | | | -1.43 |
| PKSM | 126.0 | 172 | Sg | 9:34:58.25 | | | -1.77 |
| PSZ | 128.9 | 60 | Pg | 9:34:43.60 | | | 0.63 |
| | | | Sg | 35:00.42 | | | -0.50 |
| VYHS | 132.7 | 14 | Pn | 9:34:43.80 | | | 0.26 |
| | | | Sn | 34:59.92 | | | -2.02 |
| ZST | 137.2 | 314 | Sn | 9:35:00.12 | | | -2.82 |
| KOVH | 140.6 | 190 | Sn | 9:35:03.28 | | | -0.41 |
| MODS | 143.5 | 324 | Sn | 9:35:01.72 | | | -2.60 |

1744.

2021-11-18 time: 9:48:57.40 UTC ML= 1.7
 lat: 48.737N lon: 18.727E h= 0.0 km
 erh= 2.6km erz= 3.4km
 nr= 17 gap= 86 rms=0.98
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|------|
| VYHS | 28.2 | 163 | Pg | 9:49:03.71 | | | 1.28 |
| | | | Sg | 49:06.38 | | | 0.03 |
| LANS | 71.2 | 50 | Pg | 9:49:10.84 | | | 0.73 |

Földrengés paraméterek

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| A338 | 84.9 | 199 | Sg | 9:49:19.07 | | | -0.95 |
| | | | Sg | 9:49:24.85 | | | 0.47 |
| SMOL | 98.9 | 255 | Sg | 9:49:29.32 | | | 0.49 |
| PENC | 113.0 | 159 | Sg | 9:49:31.88 | | | -1.43 |
| MODS | 114.4 | 249 | Sg | 9:49:32.13 | | | -1.63 |
| PSZ | 125.6 | 136 | Pg | 9:49:20.13 | | | 0.30 |
| | | | Sg | 49:35.79 | | | -1.53 |
| KECS | 132.7 | 102 | Pn | 9:49:21.08 | | | 0.10 |
| ZST | 134.3 | 243 | Pn | 9:49:22.24 | | | 1.06 |
| MORC | 144.3 | 323 | Sn | 49:38.20 | | | -1.54 |
| | | | Pn | 9:49:22.34 | | | -0.09 |
| PKSG | 151.6 | 190 | Sn | 49:40.82 | | | -1.13 |
| | | | Sn | 9:49:41.92 | | | -1.65 |
| PKST | 172.2 | 197 | Sn | 9:49:49.35 | | | 1.20 |

1745.

2021-11-18 time: 9:54:09.11 UTC ML= 1.6
 lat: 48.600N lon: 20.727E h= 0.0 km
 erh= 2.0km erz= 3.8km
 nr= 9 gap=150 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 22.1 | 234 | Pg | 9:54:13.61 | | | 0.55 |
| | | | Sg | 54:16.57 | | | 0.44 |
| ABAH | 50.8 | 132 | Pg | 9:54:18.53 | | | 0.35 |
| | | | Sg | 54:24.61 | | | -0.65 |
| NIE | 96.0 | 342 | Sg | 9:54:39.02 | | | -0.59 |
| PSZ | 97.8 | 219 | Pg | 9:54:26.51 | | | -0.07 |
| | | | Sg | 54:39.22 | | | -0.99 |
| LANS | 110.8 | 304 | Pg | 9:54:29.07 | | | 0.17 |
| VYHS | 140.1 | 265 | Sn | 9:54:52.22 | | | -0.52 |

1746.

2021-11-18 time: 10:07:18.11 UTC ML= 1.9
 lat: 45.979N lon: 22.659E h= 0.0 km
 erh= 2.1km erz= 4.2km
 nr= 9 gap=105 rms=0.54
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| DEV | 21.7 | 119 | Pg | 10:07:22.01 | | | 0.02 |
| | | | Sg | 07:25.42 | | | 0.41 |
| GZR | 65.8 | 172 | Pg | 10:07:30.24 | | | 0.39 |
| | | | Sg | 07:38.58 | | | -0.43 |
| SIRR | 83.6 | 293 | Sg | 10:07:45.20 | | | 0.51 |
| DRGR | 90.4 | 3 | Sg | 10:07:45.81 | | | -1.03 |
| BZS | 90.5 | 244 | Sg | 10:07:46.31 | | | -0.57 |
| VOIR | 195.7 | 108 | Pn | 10:07:50.12 | | | 0.58 |
| | | | Sn | 08:13.02 | | | -1.03 |

1747.

2021-11-18 time: 10:32:57.02 UTC ML= 1.2
 lat: 48.473N lon: 20.784E h= 0.0 km
 erh= 4.6km erz= 7.3km
 nr= 6 gap=152 rms=0.91
 Locality: Martonyi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KECS | 22.1 | 273 | Pg | 10:33:01.31 | | | 0.35 |
| | | | Sg | 33:03.77 | | | -0.27 |
| ABAH | 39.1 | 120 | Sg | 10:33:10.24 | | | 0.80 |
| NIE | 110.6 | 342 | Pg | 10:33:17.48 | | | 0.70 |
| | | | Sg | 33:30.35 | | | -1.84 |
| TRPA | 135.7 | 106 | Sn | 10:33:38.17 | | | -1.48 |

Földrengés paraméterek

Hypocenter Parameters

1748.

 2021-11-18 time: 10:59:38.37 UTC ML= 1.4
 lat: 48.472N lon: 19.575E h= 0.0 km
 erh= 3.1km erz= 698km
 nr= 6 gap=176 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 54.7 | 273 | Pg | 10:59:48.69 | 0.56 |
| | | | Sg | 59:55.06 | -0.69 |
| PSZ | 66.0 | 159 | Pg | 10:59:50.29 | 0.13 |
| | | | Sg | 59:59.18 | -0.17 |
| KECS | 67.3 | 89 | Pg | 10:59:50.44 | 0.04 |
| | | | Sg | 59:59.08 | -0.70 |

1749.

 2021-11-18 time: 11:02:48.86 UTC ML= 1.4
 lat: 48.462N lon: 19.558E h= 0.0 km
 erh= 1.8km erz= 397km
 nr= 6 gap=174 rms=0.23
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 53.5 | 274 | Pg | 11:02:58.65 | 0.24 |
| | | | Sg | 03:05.58 | -0.28 |
| PSZ | 65.4 | 157 | Pg | 11:03:00.46 | -0.08 |
| | | | Sg | 03:09.70 | 0.06 |
| KECS | 68.7 | 88 | Pg | 11:03:01.26 | 0.14 |
| | | | Sg | 03:10.10 | -0.58 |

1750.

 2021-11-18 time: 14:54:54.59 UTC ML= 1.9
 lat: 47.078N lon: 19.403E h= 0.0 km
 erh= 2.7km erz= 3.2km
 nr= 13 gap=190 rms=0.43
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 18.7 | 259 | Pg | 14:54:58.10 | 0.16 |
| | | | Sg | 54:59.91 | -0.64 |
| PKB1 | 56.9 | 235 | Pg | 14:55:05.08 | 0.33 |
| PKB5 | 74.0 | 223 | Pg | 14:55:08.54 | 0.73 |
| | | | Sg | 55:18.33 | 0.20 |
| PKB4 | 89.0 | 223 | Pg | 14:55:10.75 | 0.27 |
| PSZ | 100.5 | 22 | Pg | 14:55:12.16 | -0.37 |
| PKS9 | 101.7 | 238 | Pg | 14:55:12.26 | -0.50 |
| MORH | 112.1 | 211 | Pg | 14:55:14.62 | 0.00 |
| | | | Sg | 55:28.98 | -1.25 |
| PKSM | 112.6 | 211 | Pg | 14:55:14.97 | 0.27 |
| | | | Sg | 55:29.85 | -0.54 |
| KOVH | 148.6 | 222 | Sn | 14:55:39.80 | -0.30 |

1751.

 2021-11-18 time: 15:12:10.73 UTC ML= 2.0
 lat: 47.109N lon: 19.358E h= 0.0 km
 erh= 3.9km erz= 5.9km
 nr= 14 gap=185 rms=0.64
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| PKS7 | 16.5 | 246 | Pg | 15:12:13.70 | 0.03 |
| | | | Sg | 12:16.76 | 0.80 |
| PKB5 | 74.3 | 220 | Pg | 15:12:24.95 | 0.96 |
| | | | Sg | 12:35.09 | 0.76 |
| PENC | 76.0 | 356 | Pg | 15:12:24.95 | 0.65 |
| PKB4 | 89.2 | 220 | Pg | 15:12:26.81 | 0.16 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PSZ | 98.7 | 24 | Pg | 15:12:28.06 | -0.29 |
| PKS9 | 100.7 | 235 | Pg | 15:12:28.06 | -0.65 |
| PKST | 101.7 | 279 | Sg | 15:12:40.46 | -2.61 |
| MORH | 113.3 | 209 | Pg | 15:12:30.77 | -0.19 |
| | | | Sg | 12:45.99 | -0.75 |
| PKSM | 113.8 | 209 | Pg | 15:12:30.62 | -0.43 |
| | | | Sg | 12:45.43 | -1.46 |
| KOVH | 148.9 | 220 | Pn | 15:12:36.50 | 0.18 |

1752.

 2021-11-18 time: 19:53:36.71 UTC ML= 1.9
 lat: 47.459N lon: 19.804E h= 10.0 km
 erh= 1.4km erz= 1.2km
 nr= 36 gap= 68 rms=0.73
 Locality: Jászfelsőszentgyörgy
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BSZH | 39.2 | 117 | Pg | 19:53:44.19 | 0.25 |
| | | | Sg | 53:48.85 | -0.72 |
| PSZ | 51.5 | 8 | Pg | 19:53:46.18 | 0.10 |
| | | | Sg | 53:52.73 | -0.66 |
| PENC | 53.8 | 313 | Pg | 19:53:47.20 | 0.71 |
| | | | Sg | 53:53.69 | -0.43 |
| PKSN | 62.6 | 176 | Pg | 19:53:48.19 | 0.15 |
| | | | Sg | 53:56.82 | -0.05 |
| PKS7 | 66.8 | 227 | Pg | 19:53:48.94 | 0.17 |
| | | | Sg | 53:57.59 | -0.59 |
| PKB2 | 97.1 | 206 | Pg | 19:53:54.35 | 0.21 |
| | | | Sg | 54:06.56 | -1.18 |
| PKS6 | 97.2 | 191 | Sg | 19:54:06.26 | -1.52 |
| PKSG | 106.9 | 266 | P* | 19:53:55.50 | -0.28 |
| | | | S* | 54:09.32 | -1.33 |
| PKB1 | 107.3 | 226 | Pn | 19:53:55.11 | -0.73 |
| | | | Sn | 54:08.89 | -1.88 |
| PKS2 | 116.5 | 203 | Pn | 19:53:57.64 | 0.65 |
| | | | Sn | 54:12.45 | -0.36 |
| CSKK | 117.0 | 265 | Sn | 19:54:12.69 | -0.22 |
| PKB3 | 124.1 | 202 | Sn | 19:54:12.83 | -1.66 |
| KECS | 124.7 | 24 | Sn | 19:54:13.79 | -0.84 |
| A338 | 125.2 | 300 | Sn | 19:54:14.67 | -0.07 |
| PKB5 | 125.8 | 220 | Pn | 19:53:58.24 | 0.10 |
| | | | Sn | 54:14.77 | -0.09 |
| PKST | 135.5 | 261 | Pn | 19:54:00.30 | 0.94 |
| | | | Sn | 54:15.91 | -1.12 |
| VYHS | 135.9 | 328 | Sn | 19:54:17.56 | 0.45 |
| PKB4 | 140.7 | 220 | Pn | 19:54:00.82 | 0.82 |
| | | | Sn | 54:18.86 | 0.69 |
| ABAH | 142.1 | 49 | Pn | 19:54:01.15 | 0.97 |
| | | | Sn | 54:18.35 | -0.14 |
| PKS9 | 151.1 | 230 | Sn | 19:54:22.01 | 1.52 |
| MORH | 164.1 | 213 | Sn | 19:54:24.16 | 0.79 |
| PKSM | 164.6 | 213 | Sn | 19:54:24.72 | 1.24 |
| KOVH | 200.4 | 221 | Sn | 19:54:32.60 | 1.18 |

1753.

 2021-11-19 time: 3:11:09.12 UTC ML= 0.6
 lat: 47.853N lon: 16.171E h= 14.0 km
 erh= 4.8km erz= 3.1km
 nr= 9 gap=139 rms=0.32
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 19.4 | 151 | PgU | 3:11:13.60 | 0.21 |
| | | | Sg | 11:16.21 | -0.52 |
| CONA | 24.6 | 290 | Pg | 3:11:14.10 | -0.07 |
| | | | Sg | 11:18.02 | -0.10 |
| SOP | 34.6 | 123 | Pg | 3:11:16.09 | 0.31 |
| | | | Sg | 11:20.73 | -0.25 |
| ABNA | 106.2 | 329 | Pn | 3:11:27.73 | 0.13 |
| | | | Sn | 11:40.35 | -1.67 |
| KRUC | 135.5 | 7 | Sn | 3:11:48.68 | 0.15 |

Hypocenter Parameters

Földrengés paraméterek

1754.

2021-11-19 time: 4:40:49.64 UTC ML= 2.5
 lat: 46.130N lon: 16.513E h= 11.5 km
 erh= 1.1km erz= 0.9km
 nr= 53 gap= 69 rms=0.57
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|--------|
| KOGS | 40.8 | 330 | Pg | 4:40:57.32 | | | 0.11 |
| | | | Sg | 41:02.22 | | | -0.89 |
| BEHE | 42.9 | 28 | Pg | 4:40:58.14 | | | 0.57 |
| | | | Sg | 41:04.00 | | | 0.23 |
| PTJ | 50.0 | 239 | Pg | 4:40:59.04 | | | 0.25 |
| | | | Sg | 41:05.20 | | | -0.74 |
| ZAG | 52.3 | 230 | Pg | 4:41:00.04 | | | 0.84 |
| | | | Sg | 41:07.08 | | | 0.43 |
| GOLS | 70.0 | 259 | iPg | 4:41:02.36 | | | 0.06 |
| DOBS | 80.7 | 272 | iPg | 4:41:04.02 | | | -0.17 |
| GROS | 86.2 | 295 | Pg | 4:41:04.39 | | | -0.77 |
| | | | Sg | 41:14.65 | | | -2.62 |
| CRES | 88.5 | 248 | Pg | 4:41:05.66 | | | 0.08 |
| | | | Sg | 41:17.36 | | | -0.65 |
| PERS | 121.3 | 298 | Pn | 4:41:10.25 | | | -0.07 |
| | | | Sn | 41:25.34 | | | -1.11 |
| KOVH | 122.8 | 92 | Pn | 4:41:09.84 | | | -0.67 |
| | | | Sn | 41:25.37 | | | -1.42 |
| SOKA | 129.1 | 298 | Pn | 4:41:11.26 | | | -0.04 |
| | | | Sn | 41:27.56 | | | -0.64 |
| TIH | 136.2 | 51 | Pn | 4:41:12.89 | | | 0.71 |
| PKSV | 137.4 | 101 | Pn | 4:41:11.91 | | | -0.42 |
| | | | Sn | 41:30.04 | | | 0.02 |
| MPLH | 139.9 | 34 | Pn | 4:41:12.35 | | | -0.29 |
| | | | Sn | 41:30.70 | | | 0.12 |
| PKS9 | 145.1 | 69 | Pn | 4:41:13.43 | | | 0.14 |
| | | | Sn | 41:30.58 | | | -1.17 |
| ARSA | 145.8 | 329 | Pn | 4:41:13.78 | | | 0.40 |
| | | | Sn | 41:31.72 | | | -0.18 |
| EGYH | 156.2 | 24 | Pn | 4:41:14.79 | | | 0.11 |
| OBKA | 157.0 | 286 | Pn | 4:41:15.32 | | | 0.54 |
| | | | Sn | 41:34.90 | | | 0.51 |
| BLY | 162.2 | 161 | Pn | 4:41:15.72 | | | 0.30 |
| | | | Sn | 41:36.36 | | | 0.83 |
| PKSM | 164.6 | 87 | Pn | 4:41:14.81 | | | -0.92 |
| MORH | 164.9 | 87 | Pn | 4:41:15.17 | | | -0.59 |
| PKB4 | 166.1 | 76 | Pn | 4:41:16.47 | | | 0.55 |
| | | | Sn | 41:36.74 | | | 0.33 |
| PKST | 171.2 | 43 | Pn | 4:41:16.22 | | | -0.33 |
| SOP | 172.8 | 1 | Pn | 4:41:16.92 | | | 0.18 |
| RONA | 175.3 | 355 | Pn | 4:41:17.48 | | | 0.42 |
| | | | Sn | 41:39.47 | | | 1.02 |
| PKB5 | 178.7 | 73 | Pn | 4:41:20.35 | | | 2.87 |
| | | | Sn | 41:42.97 | | | 3.77* |
| PKB1 | 189.6 | 67 | Pn | 4:41:19.52 | | | 0.68 |
| CONA | 206.0 | 346 | Pn | 4:41:21.45 | | | 0.56 |
| | | | Sn | 41:44.67 | | | -0.59 |
| WINA | 222.4 | 351 | Pn | 4:41:23.74 | | | 0.81 |
| MODS | 256.1 | 13 | ePn | 4:41:26.80 | | | -0.33 |
| MOA | 256.5 | 318 | Pn | 4:41:27.97 | | | 0.79 |
| | | | Sn | 41:57.04 | | | 0.58 |
| BIOA | 279.5 | 308 | Pn | 4:41:30.40 | | | 0.35 |
| | | | Sn | 42:01.67 | | | 0.11 |
| ABNA | 294.0 | 344 | Pn | 4:41:31.79 | | | -0.07 |
| VYHS | 316.2 | 34 | ePn | 4:41:34.60 | | | -0.02* |
| | | | eSn | 42:06.30 | | | -3.41* |
| KHC | 400.0 | 327 | ePn | 4:41:46.50 | | | 1.42* |
| | | | eSn | 42:26.90 | | | -1.42* |

1755.

2021-11-19 time: 7:59:45.27 UTC ML= 1.7
 lat: 47.878N lon: 19.167E h= 0.0 km
 erh= 1.3km erz= 222km
 nr= 5 gap=201 rms=0.10
 Locality: Nótincs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PENC | 13.0 | 139 | Pg | 7:59:47.64 | | | 0.06 |
| | | | Sg | 59:49.34 | | | -0.05 |
| PSZ | 54.6 | 85 | Pg | 7:59:54.89 | | | -0.12 |
| | | | Sg | 8:00:02.81 | | | 0.20 |
| VYHS | 72.8 | 340 | Sg | 7:60:08.40 | | | 0.01 |

1756.

2021-11-19 time: 8:50:20.66 UTC ML= 1.8
 lat: 48.402N lon: 19.125E h= 0.0 km
 erh= 1.5km erz= 2.0km
 nr= 14 gap= 81 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| VYHS | 23.7 | 296 | Pg | 8:50:25.25 | | | 0.36 |
| | | | Sg | 50:27.92 | | | -0.27 |
| PSZ | 78.5 | 133 | Pg | 8:50:36.05 | | | 1.36 |
| | | | Sg | 50:45.00 | | | -0.62 |
| LANS | 87.0 | 17 | Pg | 8:50:36.35 | | | 0.14 |
| SRO | 89.0 | 223 | Sg | 8:50:48.86 | | | -0.10 |
| KECS | 101.1 | 85 | Pg | 8:50:38.59 | | | -0.13 |
| | | | Sg | 50:52.22 | | | -0.58 |
| PKSG | 125.0 | 206 | Pg | 8:50:43.41 | | | 0.43 |
| | | | Sg | 50:59.91 | | | -0.47 |
| CSKK | 132.3 | 209 | Sn | 8:51:01.99 | | | -0.56 |
| MODS | 136.9 | 269 | Sn | 8:51:02.59 | | | -0.97 |
| NIE | 142.8 | 38 | Pn | 8:50:45.30 | | | -0.20 |
| PKST | 151.0 | 213 | Sn | 8:51:06.79 | | | 0.09 |

1757.

2021-11-19 time: 9:38:16.29 UTC ML= 1.8
 lat: 48.258N lon: 19.820E h= 0.0 km
 erh= 2.4km erz= 4.5km
 nr= 12 gap=118 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PSZ | 38.1 | 172 | Pg | 9:38:22.62 | | | -0.48 |
| | | | Sg | 38:28.45 | | | 0.03 |
| KECS | 55.3 | 63 | Pg | 9:38:26.04 | | | -0.14 |
| | | | Sg | 38:34.07 | | | 0.19 |
| VYHS | 77.5 | 290 | Pg | 9:38:30.98 | | | 0.85 |
| | | | Sg | 38:40.22 | | | -0.70 |
| LANS | 102.6 | 345 | Pg | 9:38:34.72 | | | 0.10 |
| | | | Sg | 38:48.18 | | | -0.73 |
| ABAH | 105.5 | 88 | Pg | 9:38:35.73 | | | 0.60 |
| | | | Sg | 38:48.08 | | | -1.74 |
| NIE | 134.1 | 16 | Pn | 9:38:40.95 | | | 0.90 |
| | | | Sn | 38:57.22 | | | -1.36 |

1758.

2021-11-19 time: 10:27:03.14 UTC ML= 2.4
 lat: 48.192N lon: 21.302E h= 0.0 km
 erh= 3.0km erz= 4.0km
 nr= 9 gap=160 rms=0.67
 Locality: Mád
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 12.5 | 338 | Pg | 10:27:06.15 | 0.78 |
| | | | Sg | 27:07.10 | -0.01 |
| KECS | 68.7 | 298 | Sg | 10:27:24.73 | -0.24 |
| HOLU | 88.4 | 65 | Sg | 10:27:30.70 | -0.54 |
| TRPA | 92.3 | 94 | Sg | 10:27:32.85 | 0.38 |
| KOLS | 109.2 | 41 | Sg | 10:27:37.77 | -0.09 |
| PSZ | 109.3 | 254 | Sg | 10:27:37.17 | -0.71 |
| STHS | 136.3 | 358 | Sn | 10:27:44.20 | -1.71 |
| LANS | 172.1 | 308 | Sn | 10:27:54.70 | 0.84 |

1759.

2021-11-19 time: 12:27:17.56 UTC ML= 1.2
 lat: 47.312N lon: 17.621E h= 0.0 km
 erh= 2.2km erz= 2.5km
 nr= 10 gap= 97 rms=0.70
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 17.0 | 201 | Pg | 12:27:20.90 | 0.31 |
| | | | Sg | 27:23.31 | 0.36 |
| EGYH | 24.7 | 298 | Sg | 12:27:25.38 | -0.04 |
| PKST | 31.8 | 101 | Pg | 12:27:23.27 | 0.03 |
| | | | Sg | 27:27.58 | -0.10 |
| PKSG | 58.8 | 81 | Pg | 12:27:29.13 | 1.07 |
| | | | Sg | 27:35.37 | -0.89 |
| KOVH | 140.9 | 165 | Sn | 12:28:00.77 | -0.59 |
| MORH | 144.8 | 147 | Sn | 12:27:59.77 | -2.45 |
| VYHS | 159.7 | 35 | Sn | 12:28:04.99 | -0.54 |

1760.

2021-11-20 time: 10:48:07.19 UTC ML= 1.3
 lat: 46.251N lon: 18.257E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 8 gap=151 rms=0.77
 Locality: Kisbattyán
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 21.8 | 214 | Pg | 10:48:11.64 | 0.55 |
| | | | Sg | 48:14.66 | 0.54 |
| MORH | 30.1 | 98 | Pg | 10:48:13.25 | 0.69 |
| | | | Sg | 48:17.27 | 0.52 |
| PKB4 | 38.1 | 44 | Sg | 10:48:19.19 | -0.11 |
| PKSV | 40.3 | 181 | Pg | 10:48:13.75 | -0.64 |
| | | | Sg | 48:18.87 | -1.13 |
| PKSG | 127.2 | 5 | Sg | 10:48:45.70 | -1.92 |

1761.

2021-11-22 time: 9:15:02.01 UTC ML= 0.9
 lat: 47.593N lon: 16.684E h= 0.0 km
 erh= 3.5km erz= 977km
 nr= 8 gap=136 rms=0.72
 Locality: Nagycenk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SOP | 13.7 | 317 | Pg | 9:15:05.02 | 0.56 |
| | | | Sg | 15:06.22 | -0.15 |
| RONA | 31.4 | 292 | Pg | 9:15:08.53 | 0.91 |
| | | | Sg | 15:11.54 | -0.45 |
| CONA | 72.0 | 301 | Sg | 9:15:24.81 | -0.09 |
| ARSA | 95.5 | 246 | Sg | 9:15:30.70 | -1.67 |
| MODS | 97.4 | 27 | Sg | 9:15:32.48 | -0.49 |
| PKST | 108.5 | 110 | Sg | 9:15:36.02 | -0.47 |

1762.

2021-11-22 time: 9:59:33.72 UTC ML= 1.6
 lat: 48.583N lon: 20.695E h= 0.0 km
 erh= 1.9km erz= 3.2km
 nr= 11 gap=145 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 19.1 | 234 | Pg | 9:59:37.30 | 0.18 |
| | | | Sg | 59:40.17 | 0.39 |
| ABAH | 51.4 | 128 | Pg | 9:59:43.43 | 0.53 |
| | | | Sg | 59:48.90 | -1.16 |
| PSZ | 94.9 | 219 | Pg | 9:59:51.21 | 0.55 |
| | | | Sg | 10:00:03.31 | -0.57 |
| NIE | 97.0 | 343 | Pg | 9:59:51.61 | 0.57 |
| | | | Sg | 10:00:04.07 | -0.48 |
| LANS | 109.9 | 305 | Pg | 9:59:53.02 | -0.33 |
| VYHS | 137.6 | 266 | Pn | 9:59:57.49 | -0.42 |
| | | | Sn | 10:00:15.76 | -1.03 |

1763.

2021-11-22 time: 10:22:12.82 UTC ML= 1.2
 lat: 48.533N lon: 20.706E h= 0.0 km
 erh= 5.3km erz= 7.3km
 nr= 8 gap=177 rms=0.94
 Locality: Bódvaszilás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 17.2 | 251 | Pg | 10:22:16.31 | 0.42 |
| | | | Sg | 22:18.92 | 0.63 |
| ABAH | 47.5 | 124 | Pg | 10:22:21.68 | 0.38 |
| | | | Sg | 22:27.66 | -0.25 |
| PSZ | 91.2 | 221 | Pg | 10:22:29.95 | 0.85 |
| | | | Sg | 22:39.30 | -2.50 |
| LANS | 113.9 | 307 | Sg | 10:22:47.88 | -1.14 |
| VYHS | 138.2 | 268 | Sn | 10:22:54.67 | -1.35 |

1764.

2021-11-22 time: 19:42:36.77 UTC ML= 1.4
 lat: 47.856N lon: 20.510E h= 9.0 km
 erh= 1.2km erz=11.4km
 nr= 7 gap=149 rms=0.24
 Locality: Novaj
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 46.6 | 279 | Pg | 19:42:45.23 | -0.01 |
| | | | Sg | 42:51.76 | -0.09 |
| BSZH | 64.5 | 196 | Sg | 19:42:57.28 | -0.19 |
| KECS | 69.8 | 358 | Pg | 19:42:49.50 | 0.17 |
| | | | Sg | 42:59.04 | -0.09 |
| ABAH | 73.1 | 48 | Pg | 19:42:50.12 | 0.20 |
| | | | Sg | 42:59.09 | -1.09 |

1765.

2021-11-23 time: 9:10:31.84 UTC ML= 1.8
 lat: 47.347N lon: 18.474E h= 0.0 km
 erh= 2.3km erz= 4.0km
 nr= 11 gap=115 rms=0.69
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.0 | 308 | PgU | 9:10:33.90 | 0.62 |
| | | | Sg | 10:34.27 | -0.12 |
| CSKK | 16.2 | 276 | Pg | 9:10:35.05 | 0.31 |
| | | | Sg | 10:36.93 | -0.07 |
| PKST | 34.6 | 254 | Pg | 9:10:38.69 | 0.66 |

Hypocenter Parameters

Földrengés paraméterek

| | | | Sg | 10:41.90 | -0.96 |
|------|-------|-----|----|------------|-------|
| PSZ | 124.2 | 59 | Sg | 9:11:11.88 | 0.54 |
| PKSM | 126.8 | 174 | Sg | 9:11:11.28 | -0.88 |
| VYHS | 130.4 | 12 | Sg | 9:11:12.28 | -1.01 |
| KOVH | 142.8 | 192 | Sn | 9:11:15.65 | -0.41 |
| MODS | 145.1 | 322 | Sn | 9:11:14.34 | -2.22 |

1766.

2021-11-23 time: 9:58:22.24 UTC ML= 1.3
 lat: 48.535N lon: 17.469E h= 0.0 km
 erh= 6.0km erz= 486km
 nr= 6 gap=220 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SMOL | 3.8 | 233 | Pg | 9:58:22.50 | -0.42 |
| | | | Sg | 58:23.35 | -0.10 |
| MODS | 22.8 | 218 | Pg | 9:58:26.26 | -0.06 |
| | | | Sg | 58:29.93 | 0.43 |
| VYHS | 101.1 | 93 | Pg | 9:58:40.72 | 0.43 |
| | | | Sg | 58:54.18 | -0.19 |

1767.

2021-11-23 time: 10:29:53.94 UTC ML= 0.7
 lat: 47.181N lon: 18.285E h= 0.0 km
 erh= 2.2km erz= 712km
 nr= 10 gap=147 rms=0.55
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 20.4 | 355 | Pg | 10:29:57.81 | 0.23 |
| | | | Sg | 30:00.07 | -0.34 |
| PKST | 20.9 | 295 | Pg | 10:29:58.21 | 0.54 |
| | | | Sg | 30:00.32 | -0.26 |
| PKSG | 24.8 | 19 | Pg | 10:29:58.61 | 0.24 |
| | | | Sg | 30:01.32 | -0.50 |
| MORH | 110.7 | 166 | Sg | 10:30:29.14 | 0.00 |
| PKSM | 111.1 | 166 | Sg | 10:30:29.64 | 0.38 |
| KOVH | 122.3 | 187 | Sg | 10:30:31.65 | -1.15 |
| A337 | 124.0 | 343 | Sg | 10:30:29.54 | -3.80 |

1768.

2021-11-24 time: 8:22:57.29 UTC ML= 1.2
 lat: 47.327N lon: 17.644E h= 0.0 km
 erh= 2.3km erz= 4.1km
 nr= 9 gap=150 rms=0.53
 Locality: Béb
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 19.2 | 204 | Pg | 8:23:01.13 | 0.42 |
| | | | Sg | 23:03.52 | 0.13 |
| EGYH | 25.6 | 293 | Sg | 8:23:04.90 | -0.53 |
| PKST | 30.5 | 104 | Pg | 8:23:02.39 | -0.34 |
| | | | Sg | 23:06.61 | -0.37 |
| CSKK | 46.8 | 85 | Sg | 8:23:11.58 | -0.57 |
| PKSG | 56.9 | 83 | Pg | 8:23:08.31 | 0.87 |
| | | | Sg | 23:15.54 | 0.18 |
| KOVH | 142.1 | 166 | Sn | 8:23:40.50 | -0.84 |

1769.

2021-11-24 time: 8:38:53.40 UTC ML= 2.1
 lat: 46.885N lon: 17.353E h= 0.0 km
 erh= 1.4km erz= 2.9km
 nr= 26 gap=76 rms=0.79
 Locality: Lesenceistvánd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 34.7 | 24 | Pg | 8:38:59.11 | -0.49 |
| | | | Sg | 39:04.84 | 0.41 |
| EGYH | 59.1 | 358 | Sg | 8:39:13.07 | 0.86 |
| BEHE | 63.9 | 224 | Pg | 8:39:06.04 | 1.23 |
| | | | Sg | 39:13.77 | 0.06 |
| PKST | 66.4 | 51 | Pg | 8:39:05.74 | 0.48 |
| | | | Sg | 39:14.98 | 0.48 |
| CSKK | 87.0 | 52 | Sg | 8:39:21.00 | -0.05 |
| PKSG | 96.8 | 54 | Pg | 8:39:11.06 | 0.37 |
| | | | Sg | 39:23.51 | -0.66 |
| KOGS | 97.4 | 240 | Pg | 8:39:11.06 | 0.27 |
| | | | Sg | 39:23.71 | -0.64 |
| PKB4 | 105.0 | 114 | Sg | 8:39:26.33 | -0.45 |
| KOVH | 105.5 | 147 | Pg | 8:39:12.07 | -0.18 |
| | | | Sg | 39:26.33 | -0.62 |
| SOP | 107.2 | 326 | Sg | 8:39:25.52 | -1.95 |
| PKB5 | 110.5 | 107 | Pg | 8:39:14.17 | 1.03 |
| | | | Sg | 39:28.74 | 0.21 |
| MORH | 123.9 | 127 | Pg | 8:39:16.08 | 0.55 |
| | | | Sg | 39:30.94 | -1.84 |
| PKSM | 124.0 | 127 | Pg | 8:39:15.88 | 0.34 |
| | | | Sg | 39:31.05 | -1.76 |
| SRO | 126.1 | 35 | Sg | 8:39:32.55 | -0.95 |
| PKSV | 130.6 | 148 | Sn | 8:39:32.85 | -2.07 |
| ARSA | 144.8 | 286 | Sn | 8:39:37.07 | -0.99 |
| PKB2 | 146.2 | 99 | Sn | 8:39:38.38 | 0.02 |

1770.

2021-11-24 time: 10:04:40.96 UTC ML= 1.7
 lat: 48.575N lon: 20.740E h= 0.0 km
 erh= 1.4km erz= 3.2km
 nr= 11 gap= 91 rms=0.44
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.4 | 241 | Pg | 10:04:44.41 | -0.38 |
| | | | Sg | 04:47.92 | 0.15 |
| ABAH | 48.3 | 130 | Pg | 10:04:49.83 | 0.24 |
| | | | Sg | 04:56.76 | 0.45 |
| PSZ | 96.3 | 221 | Pg | 10:04:58.46 | 0.29 |
| | | | Sg | 05:11.12 | -0.47 |
| NIE | 98.9 | 342 | Pg | 10:04:59.17 | 0.55 |
| LANS | 113.2 | 304 | Pg | 10:05:01.17 | 0.00 |
| | | | Sg | 05:16.64 | -0.29 |
| KOLS | 119.6 | 71 | Sg | 10:05:17.84 | -1.13 |
| VYHS | 140.9 | 266 | Sn | 10:05:23.87 | -0.89 |

1771.

2021-11-24 time: 10:45:05.86 UTC ML= 1.4
 lat: 48.366N lon: 18.472E h= 0.0 km
 erh= 2.1km erz= 6.0km
 nr= 13 gap= 76 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 30.5 | 62 | Pg | 10:45:11.76 | 0.46 |
| | | | Sg | 45:15.68 | 0.13 |
| A338 | 40.0 | 193 | Sg | 10:45:19.78 | 1.20 |
| SMOL | 78.9 | 282 | Pg | 10:45:20.97 | 1.02 |
| | | | Sg | 45:30.51 | -0.43 |
| MODS | 88.5 | 271 | Pg | 10:45:21.61 | -0.06 |
| | | | Sg | 45:33.30 | -0.69 |
| PKSG | 108.5 | 183 | Sg | 10:45:39.95 | -0.40 |
| LANS | 113.9 | 40 | Pg | 10:45:26.83 | 0.63 |
| | | | Sg | 45:41.17 | -0.89 |
| PSZ | 117.0 | 115 | Sg | 10:45:41.24 | -1.81 |
| PKST | 127.4 | 195 | Sg | 10:45:45.35 | -1.00 |
| MORC | 171.0 | 337 | Sn | 10:45:54.94 | -1.38 |

Földrengés paraméterek

Hypocenter Parameters

1772.

 2021-11-24 time: 10:46:07.15 UTC ML= 0.8
 lat: 47.190N lon: 18.298E h= 0.0 km
 erh= 1.4km erz= 436km
 nr= 9 gap=149 rms=0.33
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 19.4 | 352 | Pg | 10:46:10.71 | 0.10 |
| | | | Sg | 46:12.71 | -0.61 |
| PKST | 21.4 | 291 | Pg | 10:46:11.06 | 0.09 |
| | | | Sg | 46:14.02 | 0.07 |
| PKSG | 23.5 | 17 | Pg | 10:46:11.51 | 0.17 |
| | | | Sg | 46:14.67 | 0.07 |
| MORH | 111.5 | 166 | Sg | 10:46:43.29 | 0.69 |
| PKSM | 111.9 | 166 | Sg | 10:46:42.19 | -0.53 |
| KOVH | 123.4 | 187 | Sg | 10:46:45.90 | -0.49 |

1773.

 2021-11-24 time: 11:41:19.00 UTC ML= 1.6
 lat: 47.858N lon: 20.163E h= 0.0 km
 erh= 4.4km erz= 5.4km
 nr= 9 gap=190 rms=0.63
 Locality: Tarnaszentmária
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 21.2 | 288 | Pg | 11:41:23.41 | 0.63 |
| | | | Sg | 41:26.22 | 0.48 |
| KECS | 73.5 | 19 | Pg | 11:41:32.55 | 0.42 |
| | | | Sg | 41:42.39 | 0.02 |
| ABAH | 93.8 | 59 | Pg | 11:41:36.26 | 0.51 |
| | | | Sg | 41:48.41 | -0.41 |
| VYHS | 121.4 | 306 | Pg | 11:41:39.88 | -0.80 |
| | | | Sg | 41:56.25 | -1.34 |
| PKSG | 143.0 | 249 | Sn | 11:42:02.67 | -0.58 |

1774.

 2021-11-24 time: 13:16:04.89 UTC ML= 1.0
 lat: 47.600N lon: 18.431E h= 0.0 km
 erh= 1.9km erz=15.7km
 nr= 9 gap=159 rms=0.33
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKSG | 23.4 | 188 | Pg | 13:16:09.16 | 0.09 |
| | | | Sg | 16:11.92 | -0.41 |
| CSKK | 29.4 | 206 | Pg | 13:16:10.27 | 0.13 |
| | | | Sg | 16:14.28 | 0.05 |
| PKST | 48.4 | 218 | Pg | 13:16:13.93 | 0.40 |
| | | | Sg | 16:19.70 | -0.57 |
| VYHS | 103.8 | 17 | Sg | 13:16:37.58 | -0.31 |
| PSZ | 115.2 | 72 | Sg | 13:16:41.60 | 0.08 |
| PKSM | 155.2 | 174 | Sn | 13:16:47.92 | -3.94* |

1775.

 2021-11-24 time: 14:57:52.82 UTC ML= 1.6
 lat: 47.529N lon: 16.372E h= 0.0 km
 erh= 2.1km erz= 5.8km
 nr= 13 gap= 81 rms=0.79
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| RONA | 19.8 | 343 | Pg | 14:57:56.28 | -0.07 |
| | | | Sg | 57:58.29 | -0.82 |
| SOP | 22.1 | 39 | Pg | 14:57:57.69 | 0.92 |
| | | | Sg | 57:59.49 | -0.37 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| CONA | 58.6 | 319 | Pg | 14:58:04.31 | 1.02 |
| | | | Sg | 58:10.54 | -0.91 |
| ARSA | 71.2 | 244 | Sg | 14:58:15.25 | -0.19 |
| MODS | 115.7 | 36 | Pg | 14:58:14.15 | 0.67 |
| | | | Sg | 58:28.61 | -0.99 |
| KOGS | 120.5 | 184 | Sg | 14:58:30.12 | -1.01 |
| PKST | 129.0 | 103 | Pg | 14:58:16.26 | 0.40 |
| | | | Sg | 58:33.33 | -0.51 |
| SMOL | 134.9 | 36 | Sn | 14:58:33.43 | -1.85 |

1776.

 2021-11-25 time: 9:03:10.29 UTC ML= 1.5
 lat: 47.327N lon: 18.438E h= 0.0 km
 erh= 1.9km erz= 463km
 nr= 7 gap=199 rms=0.30
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.0 | 333 | Pg | 9:03:11.77 | 0.04 |
| | | | Sg | 03:12.27 | -0.58 |
| CSKK | 14.0 | 287 | Pg | 9:03:13.07 | 0.27 |
| | | | Sg | 03:14.98 | 0.23 |
| PKST | 31.5 | 256 | Sg | 9:03:19.93 | -0.37 |
| MORH | 124.5 | 173 | Sg | 9:03:50.20 | 0.32 |
| PKSM | 125.0 | 173 | Sg | 9:03:49.70 | -0.31 |

1777.

 2021-11-25 time: 9:34:18.31 UTC ML= 1.2
 lat: 45.863N lon: 18.421E h= 0.0 km
 erh= 5.0km erz= 767km
 nr= 8 gap=258 rms=0.54
 Locality: Villány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 13.4 | 282 | Pg | 9:34:20.53 | -0.18 |
| | | | Sg | 34:22.64 | 0.06 |
| KOVH | 35.3 | 315 | Sg | 9:34:29.12 | -0.42 |
| PKSM | 42.3 | 24 | Pg | 9:34:25.55 | -0.32 |
| | | | Sg | 34:31.67 | -0.09 |
| MORH | 42.8 | 24 | Pg | 9:34:25.75 | -0.20 |
| | | | Sg | 34:31.82 | -0.10 |
| PKS9 | 81.2 | 352 | Pg | 9:34:34.25 | 1.44 |

1778.

 2021-11-25 time: 12:15:22.81 UTC ML= 1.8
 lat: 48.589N lon: 20.746E h= 0.0 km
 erh= 1.8km erz= 4.0km
 nr= 11 gap= 90 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.5 | 239 | Pg | 12:15:27.71 | 0.87 |
| | | | Sg | 15:30.37 | 0.39 |
| ABAH | 48.9 | 132 | Pg | 12:15:32.08 | 0.53 |
| | | | Sg | 15:38.00 | -0.36 |
| NIE | 97.6 | 341 | Pg | 12:15:40.51 | 0.27 |
| PSZ | 97.8 | 220 | Pg | 12:15:40.01 | -0.26 |
| | | | Sg | 15:53.72 | -0.17 |
| LANS | 112.7 | 304 | Pg | 12:15:43.02 | 0.09 |
| | | | Sg | 15:57.33 | -1.30 |
| KOLS | 118.6 | 71 | Sg | 12:15:59.79 | -0.73 |
| VYHS | 141.4 | 266 | Sn | 12:16:05.42 | -1.30 |

Hypocenter Parameters

Földregés paraméterek

1779.

2021-11-25 time: 17:42:21.30 UTC ML= 2.1
 lat: 45.539N lon: 16.101E h= 0.1 km
 erh= 2.3km erz= 2.5km
 nr= 16 gap=167 rms=0.66
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 33.3 | 345 | Pg | 17:42:27.46 | 0.22 |
| | | | Sg | 42:32.43 | 0.55 |
| PTJ | 41.6 | 344 | Pg | 17:42:28.56 | -0.17 |
| | | | Sg | 42:33.79 | -0.74 |
| CRES | 59.5 | 302 | Pg | 17:42:32.08 | 0.16 |
| | | | Sg | 42:39.41 | -0.79 |
| KOGS | 101.7 | 7 | Pg | 17:42:40.21 | 0.75 |
| | | | Sg | 42:52.85 | -0.78 |
| BEHE | 115.9 | 27 | Sg | 17:42:57.28 | -0.87 |
| BLY | 122.3 | 136 | Pg | 17:42:43.33 | 0.19 |
| | | | Sg | 42:59.49 | -0.69 |
| SOKA | 151.2 | 327 | Pn | 17:42:48.22 | 1.05 |
| | | | Sn | 43:06.40 | -0.95 |
| KOVH | 166.9 | 69 | Sn | 17:43:11.37 | 0.53 |
| PKSV | 171.9 | 77 | Sn | 17:43:10.57 | -1.38 |
| MORH | 211.3 | 69 | Sn | 17:43:21.79 | 1.10 |

1780.

2021-11-26 time: 9:16:08.66 UTC ML= 1.8
 lat: 46.899N lon: 22.599E h= 0.0 km
 erh= 6.6km erz= 3.6km
 nr= 6 gap=279 rms=0.43
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 14.7 | 144 | Pg | 9:16:11.16 | -0.13 |
| | | | Sg | 16:13.52 | 0.18 |
| SIRR | 100.6 | 226 | Sg | 9:16:40.43 | -0.20 |
| BZS | 161.4 | 208 | Sn | 9:16:57.80 | 0.79 |
| GZR | 168.0 | 175 | Pn | 9:16:36.82 | 0.18 |
| | | | Sn | 16:57.10 | -1.36 |

1781.

2021-11-26 time: 9:23:17.45 UTC ML= 1.1
 lat: 47.457N lon: 18.757E h= 0.0 km
 erh= 3.6km erz= 5.4km
 nr= 11 gap=125 rms=0.61
 Locality: Etyek
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 28.6 | 255 | Pg | 9:23:22.65 | 0.09 |
| | | | Sg | 23:27.25 | 0.70 |
| CSKK | 38.9 | 254 | Pg | 9:23:24.06 | -0.34 |
| | | | Sg | 23:30.13 | 0.30 |
| PENC | 54.1 | 47 | Sg | 9:23:35.78 | 1.14 |
| PKST | 58.9 | 248 | Pg | 9:23:28.65 | 0.68 |
| | | | Sg | 23:35.73 | -0.45 |
| MPLH | 97.5 | 251 | Sg | 9:23:48.03 | -0.40 |
| PSZ | 99.6 | 59 | Sg | 9:23:48.74 | -0.36 |
| VYHS | 115.4 | 3 | Sg | 9:23:53.17 | -0.97 |
| MORH | 138.3 | 184 | Sn | 9:23:59.58 | -1.08 |

1782.

2021-11-26 time: 9:27:24.36 UTC ML= 1.3
 lat: 46.216N lon: 18.263E h= 0.0 km
 erh= 1.5km erz= 606km
 nr= 12 gap=130 rms=0.50
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 19.0 | 222 | Pg | 9:27:28.10 | 0.36 |
| | | | Sg | 27:30.61 | 0.23 |
| PKSM | 29.2 | 91 | Pg | 9:27:29.91 | 0.33 |
| | | | Sg | 27:33.30 | -0.35 |
| MORH | 29.4 | 90 | Pg | 9:27:29.91 | 0.30 |
| | | | Sg | 27:33.62 | -0.10 |
| PKSV | 36.4 | 181 | Sg | 9:27:34.73 | -1.20 |
| PKB4 | 40.7 | 40 | Sg | 9:27:38.34 | 1.03 |
| PKB2 | 90.9 | 56 | Sg | 9:27:52.69 | -0.55 |
| PKST | 117.2 | 351 | Pg | 9:27:45.20 | -0.09 |
| | | | Sg | 28:01.26 | -0.36 |
| CSKK | 127.5 | 360 | Sg | 9:28:03.97 | -0.92 |

1783.

2021-11-26 time: 9:31:04.94 UTC ML= 1.3
 lat: 48.440N lon: 19.571E h= 0.0 km
 erh= 2.4km erz= 912km
 nr= 8 gap= 80 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 54.7 | 276 | Pg | 9:31:15.74 | 1.03 |
| | | | Sg | 31:21.76 | -0.56 |
| PSZ | 62.8 | 157 | Sg | 9:31:24.87 | -0.02 |
| KECS | 67.8 | 86 | Sg | 9:31:27.38 | 0.88 |
| PENC | 75.3 | 197 | Sg | 9:31:28.59 | -0.30 |
| LANS | 79.4 | 355 | Sg | 9:31:29.89 | -0.30 |
| NIE | 121.7 | 27 | Pg | 9:31:26.08 | -0.60 |
| | | | Sg | 31:43.05 | -0.58 |

1784.

2021-11-26 time: 9:37:20.01 UTC ML= 0.8
 lat: 46.231N lon: 18.241E h= 0.0 km
 erh= 2.0km erz= 259km
 nr= 7 gap=239 rms=0.45
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 19.3 | 215 | Pg | 9:37:23.71 | 0.26 |
| | | | Sg | 37:26.32 | 0.19 |
| PKSM | 30.9 | 94 | Pg | 9:37:25.92 | 0.39 |
| | | | Sg | 37:29.53 | -0.31 |
| MORH | 31.1 | 93 | Pg | 9:37:25.66 | 0.09 |
| | | | Sg | 37:29.28 | -0.62 |
| PKSV | 38.1 | 179 | Sg | 9:37:30.79 | -1.33 |

1785.

2021-11-26 time: 9:39:14.35 UTC ML= 2.0
 lat: 47.726N lon: 18.754E h= 0.0 km
 erh= 3.4km erz= 4.0km
 nr= 19 gap=179 rms=0.84
 Locality: Keszthölcs
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SRO | 34.5 | 286 | Pg | 9:39:21.18 | 0.68 |
| | | | Sg | 39:25.50 | 0.20 |
| A338 | 44.0 | 317 | Sg | 9:39:28.66 | 0.32 |
| PKSG | 46.1 | 216 | Pg | 9:39:23.49 | 0.90 |
| | | | Sg | 39:29.06 | 0.05 |
| CSKK | 54.9 | 223 | Pg | 9:39:24.20 | 0.06 |
| | | | Sg | 39:30.52 | -1.26 |
| PKST | 75.1 | 226 | Pg | 9:39:27.98 | 0.22 |
| | | | Sg | 39:37.19 | -1.03 |
| VYHS | 85.6 | 4 | Sg | 9:39:39.80 | -1.76 |
| MPLH | 110.5 | 236 | Pg | 9:39:34.55 | 0.47 |
| | | | Sg | 39:48.40 | -1.07 |
| EGYH | 112.4 | 252 | Pg | 9:39:35.00 | 0.58 |

Földrengés paraméterek

Hypocenter Parameters

| | | Sg | 39:49.14 | -0.93 |
|------------|-----|----|------------|--------|
| MODS 131.6 | 303 | Pn | 9:39:38.00 | 0.22 |
| | | Sn | 39:52.26 | -3.81* |
| MORH 168.1 | 183 | Sn | 9:40:02.30 | -1.87 |
| PKSM 168.6 | 183 | Pn | 9:39:43.46 | 1.06 |
| | | Sn | 40:02.83 | -1.44 |

1786.

2021-11-26 time: 17:27:59.20 UTC ML= 1.6
 lat: 46.192N lon: 17.377E h= 7.4 km
 erh= 2.3km erz= 1.9km
 nr= 16 gap=138 rms=0.42
 Locality: Kivadar
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KOVH | 57.0 | 102 | Pg | 17:28:09.75 | 0.28 |
| | | | Sg | 28:17.18 | -0.30 |
| PKSV | 75.7 | 116 | Pg | 17:28:13.25 | 0.47 |
| | | | Sg | 28:23.38 | 0.01 |
| KOGS | 91.3 | 288 | Sg | 17:28:25.57 | -2.75* |
| PKSM | 97.6 | 89 | Pg | 17:28:16.40 | -0.28 |
| | | | Sg | 28:29.92 | -0.39 |
| MORH | 97.8 | 88 | Pg | 17:28:16.35 | -0.37 |
| | | | Sg | 28:30.08 | -0.31 |
| PKB4 | 100.3 | 70 | Pg | 17:28:17.80 | 0.64 |
| | | | Sg | 28:31.02 | -0.15 |
| PKB5 | 113.7 | 67 | Sn | 17:28:34.51 | -0.76 |
| PKB1 | 127.0 | 59 | Sn | 17:28:38.73 | 0.50 |
| PKST | 128.8 | 23 | Pn | 17:28:21.65 | 0.30 |
| | | | Sn | 28:38.59 | -0.03 |
| CRES | 154.2 | 255 | Sn | 17:28:43.64 | -0.62 |

1787.

2021-11-27 time: 13:01:03.54 UTC ML= 2.0
 lat: 45.738N lon: 16.919E h= 8.0 km
 erh= 2.9km erz= 2.0km
 nr= 21 gap=194 rms=0.79
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PTJ | 76.8 | 284 | Pg | 13:01:17.73 | 0.40 |
| | | | Sg | 01:26.94 | -1.15 |
| BEHE | 82.2 | 352 | Pg | 13:01:19.57 | 1.29 |
| | | | Sg | 01:29.44 | -0.34 |
| KOGS | 94.4 | 327 | Pg | 13:01:20.49 | 0.04 |
| | | | Sg | 01:32.46 | -1.19 |
| KOVH | 99.6 | 67 | Pg | 13:01:21.76 | 0.39 |
| | | | Sg | 01:33.85 | -1.43 |
| PKSV | 105.0 | 81 | Pg | 13:01:22.62 | 0.29 |
| | | | Sg | 01:35.17 | -1.82 |
| CRES | 114.1 | 275 | Pn | 13:01:24.69 | 0.91 |
| | | | Sn | 01:39.31 | -0.27 |
| GROS | 135.9 | 306 | Pn | 13:01:26.26 | -0.24 |
| | | | Sn | 01:42.82 | -1.59 |
| PKSM | 143.5 | 68 | Pn | 13:01:27.05 | -0.39 |
| | | | Sn | 01:46.28 | 0.19 |
| MORH | 143.9 | 68 | Pn | 13:01:27.05 | -0.44 |
| | | | Sn | 01:46.67 | 0.50 |
| PERS | 171.3 | 306 | Sn | 13:01:52.35 | 0.09 |
| SOKA | 179.2 | 306 | Sn | 13:01:55.10 | 1.08 |
| PKB1 | 185.4 | 51 | Sn | 13:01:56.53 | 1.13 |

1788.

2021-11-27 time: 13:19:46.79 UTC ML= 2.4
 lat: 45.512N lon: 16.447E h= 0.0 km
 erh= 2.2km erz= 2.0km
 nr= 24 gap=149 rms=0.78
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 49.9 | 315 | Sg | 13:20:02.39 | -0.26 |
| PTJ | 57.5 | 319 | Pg | 13:19:57.33 | 0.26 |
| | | | Sg | 20:03.36 | -1.72 |
| CRES | 84.7 | 294 | Pg | 13:20:02.35 | 0.43 |
| | | | Sg | 20:12.80 | -0.92 |
| BLY | 102.7 | 146 | Sg | 13:20:18.33 | -1.11 |
| KOGS | 105.2 | 352 | Pg | 13:20:06.57 | 1.00 |
| | | | Sg | 20:19.63 | -0.59 |
| BEHE | 109.5 | 13 | Sg | 13:20:20.33 | -1.26 |
| GROS | 128.4 | 325 | Pg | 13:20:09.63 | -0.09 |
| | | | Sg | 20:25.10 | -2.51 |
| KOVH | 143.6 | 64 | Pn | 13:20:11.40 | -0.32 |
| | | | Sn | 20:30.68 | -0.48 |
| PKSV | 146.7 | 73 | Pn | 13:20:12.40 | 0.29 |
| | | | Sn | 20:32.15 | 0.30 |
| PERS | 161.9 | 321 | Pn | 13:20:14.48 | 0.48 |
| | | | Sn | 20:34.79 | -0.44 |
| SOKA | 169.6 | 320 | Sn | 13:20:36.94 | -0.01 |
| OBKA | 184.1 | 307 | Pn | 13:20:16.76 | -0.02 |
| | | | Sn | 20:41.87 | 1.70 |
| PKSM | 187.3 | 65 | Sn | 13:20:41.97 | 1.10 |
| MORH | 187.7 | 65 | Sn | 13:20:42.52 | 1.56 |
| ARSA | 205.9 | 340 | Sn | 13:20:45.53 | 0.53 |
| RONA | 243.5 | 357 | Pn | 13:20:24.85 | 0.67 |

1789.

2021-11-28 time: 4:39:19.78 UTC ML= 0.4
 lat: 47.292N lon: 18.096E h= 13.0 km
 erh= 2.1km erz= 1.0km
 nr= 7 gap=185 rms=0.11
 Locality: Bakonycsernye
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 5.9 | 232 | PgU | 4:39:22.49 | 0.16 |
| | | | Sg | 39:24.05 | -0.27 |
| CSKK | 14.8 | 57 | Pg | 4:39:23.32 | 0.02 |
| | | | Sg | 39:26.00 | -0.04 |
| PKSG | 24.9 | 63 | Pg | 4:39:24.77 | -0.03 |
| | | | Sg | 39:28.74 | 0.03 |
| PKSM | 127.1 | 161 | Sn | 4:39:57.42 | -0.11 |

1790.

2021-11-29 time: 7:22:58.36 UTC ML= 1.5
 lat: 47.289N lon: 18.330E h= 0.0 km
 erh= 1.7km erz= 2.1km
 nr= 16 gap=109 rms=0.82
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.8 | 328 | Pg | 7:23:00.68 | 0.57 |
| | | | Sg | 23:01.80 | 0.32 |
| PKSG | 12.4 | 22 | Pg | 7:23:01.15 | 0.58 |
| | | | Sg | 23:02.31 | 0.02 |
| PKST | 22.6 | 262 | Pg | 7:23:03.16 | 0.76 |
| | | | Sg | 23:05.77 | 0.23 |
| MPLH | 61.3 | 258 | Pg | 7:23:09.89 | 0.59 |
| | | | Sg | 23:16.67 | -1.17 |
| MORH | 121.6 | 169 | Sg | 7:23:36.30 | -0.73 |
| PKSM | 122.0 | 169 | Sg | 7:23:36.50 | -0.65 |
| KOVH | 134.6 | 188 | Sn | 7:23:40.01 | -0.74 |
| PSZ | 136.9 | 59 | Pn | 7:23:23.24 | 0.78 |
| | | | Sn | 23:40.12 | -1.15 |
| VVHS | 139.3 | 16 | Sn | 7:23:40.02 | -1.77 |
| SOP | 140.5 | 288 | Sn | 7:23:41.02 | -1.05 |
| MODS | 144.1 | 327 | Sn | 7:23:40.92 | -1.94 |

Hypocenter Parameters

Földrengés paraméterek

1791.

2021-11-29 time: 9:04:51.38 UTC ML= 1.2
 lat: 48.093N lon: 16.261E h= 0.0 km
 erh= 1.7km erz= 352km
 nr= 6 gap=171 rms=0.21
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 35.0 | 239 | Pg | 9:04:57.91 | 0.28 |
| | | | Sg | 05:02.33 | -0.17 |
| RONA | 43.8 | 177 | Pg | 9:04:59.32 | 0.12 |
| | | | Sg | 05:04.89 | -0.41 |
| KRUC | 108.2 | 5 | Pg | 9:05:10.66 | -0.05 |
| | | | Sg | 05:25.61 | -0.18 |

1792.

2021-11-29 time: 9:06:45.04 UTC ML= 1.5
 lat: 47.823N lon: 19.905E h= 0.0 km
 erh= 7.6km erz= ***km
 nr= 8 gap=185 rms=1.32
 Locality: Gyöngyösoroszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 10.6 | 356 | Pg | 9:06:48.20 | 1.26 |
| | | | Sg | 06:49.96 | 1.54 |
| PENC | 46.8 | 266 | Pg | 9:06:53.92 | 0.52 |
| | | | Sg | 07:00.25 | 0.34 |
| KECS | 85.2 | 30 | Sg | 9:07:11.95 | -0.17 |
| VYHS | 109.0 | 313 | Sg | 9:07:17.12 | -2.58 |
| ABAH | 112.6 | 62 | Sg | 9:07:18.73 | -2.08 |
| PKSG | 123.5 | 247 | Sg | 9:07:23.15 | -1.15 |

1793.

2021-11-29 time: 10:02:22.54 UTC ML= 1.8
 lat: 48.521N lon: 17.458E h= 0.0 km
 erh= 2.1km erz= 2.6km
 nr= 12 gap=127 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SMOL | 2.3 | 248 | Pg | 10:02:22.69 | -0.26 |
| | | | Sg | 02:23.64 | 0.36 |
| MODS | 21.2 | 219 | Pg | 10:02:26.30 | -0.02 |
| | | | Sg | 02:29.62 | 0.35 |
| KRUC | 98.5 | 308 | Sg | 10:02:53.52 | -0.34 |
| VYHS | 101.9 | 92 | Sg | 10:02:54.52 | -0.41 |
| RONA | 125.8 | 223 | Pg | 10:02:45.48 | 0.47 |
| | | | Sg | 03:01.90 | -0.63 |
| CONA | 135.7 | 241 | Pn | 10:02:46.79 | 0.29 |
| | | | Sn | 03:04.06 | -1.12 |
| MORC | 139.7 | 3 | Pn | 10:02:47.79 | 0.79 |
| | | | Sn | 03:05.17 | -0.91 |

1794.

2021-11-29 time: 10:09:13.13 UTC ML= 1.8
 lat: 47.336N lon: 18.425E h= 0.0 km
 erh= 1.6km erz= 2.8km
 nr= 17 gap= 90 rms=0.74
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 6.7 | 338 | Pg | 10:09:14.72 | 0.38 |
| | | | Sg | 09:15.17 | -0.11 |
| CSKK | 12.8 | 284 | Pg | 10:09:15.95 | 0.54 |
| | | | Sg | 09:16.84 | -0.35 |
| PKST | 30.7 | 254 | Pg | 10:09:18.88 | 0.26 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| | | | Sg | 09:22.65 | -0.25 |
| PKB1 | 67.4 | 156 | Sg | 10:09:35.65 | 1.11 |
| PKB5 | 85.7 | 164 | Sg | 10:09:40.32 | -0.05 |
| PKB3 | 117.2 | 150 | Sg | 10:09:50.72 | 0.35 |
| MORH | 125.6 | 172 | Sg | 10:09:51.82 | -1.24 |
| PKSM | 126.0 | 172 | Sg | 10:09:51.62 | -1.57 |
| PSZ | 128.1 | 60 | Pg | 10:09:36.46 | 0.46 |
| | | | Sg | 09:53.33 | -0.51 |
| VYHS | 132.4 | 13 | Pn | 10:09:37.26 | 0.59 |
| | | | Sn | 09:53.03 | -2.01 |
| KOVH | 140.9 | 190 | Sn | 10:09:56.44 | -0.48 |
| MODS | 143.8 | 323 | Sn | 10:09:54.23 | -3.35 |

1795.

2021-11-29 time: 11:00:20.88 UTC ML= 1.6
 lat: 48.133N lon: 16.884E h= 0.0 km
 erh= 2.1km erz= 2.7km
 nr= 10 gap=131 rms=0.51
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 39.6 | 48 | Pg | 11:00:28.22 | 0.27 |
| | | | Sg | 00:33.34 | -0.12 |
| SOP | 55.6 | 206 | Sg | 11:00:38.16 | -0.41 |
| RONA | 65.2 | 222 | Pg | 11:00:33.32 | 0.79 |
| | | | Sg | 00:40.80 | -0.82 |
| CONA | 79.6 | 253 | Sg | 11:00:46.30 | 0.12 |
| KRUC | 109.4 | 341 | Pg | 11:00:40.67 | 0.26 |
| | | | Sg | 00:54.83 | -0.81 |
| ARSA | 141.7 | 226 | Sn | 11:01:04.52 | -0.33 |
| VYHS | 150.2 | 75 | Sn | 11:01:06.18 | -0.56 |

1796.

2021-11-29 time: 11:12:51.17 UTC ML= 1.7
 lat: 47.076N lon: 18.294E h= 0.0 km
 erh= 1.3km erz= 2.7km
 nr= 23 gap= 93 rms=0.60
 Locality: Polgárdi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKST | 28.3 | 316 | Pg | 11:12:56.63 | 0.41 |
| | | | Sg | 13:00.88 | 0.72 |
| CSKK | 32.0 | 355 | Pg | 11:12:57.39 | 0.51 |
| PKSG | 35.8 | 12 | Pg | 11:12:57.46 | -0.11 |
| | | | Sg | 13:02.79 | 0.23 |
| PKB1 | 49.9 | 131 | Pg | 11:13:00.80 | 0.71 |
| | | | Sg | 13:07.37 | 0.33 |
| MPLH | 58.2 | 280 | Sg | 11:13:09.24 | -0.42 |
| PKB5 | 63.2 | 148 | Pg | 11:13:03.15 | 0.69 |
| | | | Sg | 13:11.78 | 0.51 |
| PKB4 | 68.7 | 160 | Sg | 11:13:13.10 | 0.10 |
| PKB2 | 85.0 | 122 | Sg | 11:13:18.05 | -0.13 |
| MORH | 99.3 | 164 | Pg | 11:13:08.58 | -0.33 |
| | | | Sg | 13:22.16 | -0.59 |
| PKSM | 99.7 | 165 | Pg | 11:13:09.71 | 0.73 |
| | | | Sg | 13:21.72 | -1.14 |
| PKB3 | 100.0 | 136 | Sg | 11:13:22.54 | -0.42 |
| PENC | 108.9 | 43 | Pg | 11:13:10.35 | -0.27 |
| | | | Sg | 13:24.81 | -0.98 |
| KOVH | 110.8 | 188 | Pg | 11:13:10.77 | -0.19 |
| | | | Sg | 13:25.13 | -1.26 |
| PKSV | 132.1 | 181 | Sn | 11:13:32.28 | -0.72 |
| PSZ | 152.7 | 52 | Sn | 11:13:34.39 | -3.19* |
| VYHS | 162.8 | 14 | Sn | 11:13:38.21 | -1.61 |

Földrengés paraméterek

Hypocenter Parameters

1797.

2021-11-29 time: 12:11:55.31 UTC ML= 0.7
 lat: 45.994N lon: 18.518E h= 0.0 km
 erh= 3.2km erz= 551km
 nr= 8 gap=193 rms=0.40
 Locality: Szajk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 23.8 | 240 | Pg | 12:11:59.81 | 0.25 |
| | | | Sg | 12:02.72 | -0.15 |
| PKSM | 26.0 | 21 | Pg | 12:12:00.05 | 0.10 |
| | | | Sg | 12:03.84 | 0.27 |
| MORH | 26.5 | 22 | Pg | 12:12:00.20 | 0.16 |
| | | | Sg | 12:04.00 | 0.27 |
| KOVH | 34.1 | 288 | Sg | 12:12:05.23 | -0.91 |
| PKB3 | 70.7 | 48 | Sg | 12:12:16.81 | -0.99 |

1798.

2021-11-30 time: 10:32:47.42 UTC ML= 1.6
 lat: 48.580N lon: 20.740E h= 0.0 km
 erh= 2.0km erz= 3.4km
 nr= 10 gap=110 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.7 | 240 | Pg | 10:32:51.79 | 0.50 |
| | | | Sg | 32:54.50 | 0.19 |
| ABAH | 48.6 | 131 | Pg | 10:32:56.06 | -0.05 |
| | | | Sg | 33:02.38 | -0.50 |
| NIE | 98.4 | 341 | Pg | 10:33:05.04 | 0.05 |
| STHS | 100.1 | 22 | Sg | 10:33:19.86 | 0.63 |
| | | | Pg | 10:33:07.10 | -0.47 |
| LANS | 112.9 | 304 | Sg | 33:21.56 | -1.73 |
| | | | Pn | 10:33:12.53 | 0.50 |
| VYHS | 140.9 | 266 | Sg | 33:30.40 | -0.82 |
| | | | Sn | | |

1799.

2021-11-30 time: 10:55:07.92 UTC ML= 1.2
 lat: 47.196N lon: 18.288E h= 0.0 km
 erh= 4.2km erz= 3.6km
 nr= 8 gap=233 rms=0.58
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 18.6 | 353 | Sg | 10:55:13.52 | -0.33 |
| | | | Pg | 10:55:11.49 | -0.08 |
| PKST | 20.5 | 290 | Sg | 55:14.23 | -0.19 |
| | | | Pg | 10:55:12.48 | 0.44 |
| PKSG | 23.1 | 20 | Sg | 55:15.23 | -0.02 |
| | | | Sn | 10:55:51.65 | -0.99 |
| PSZ | 145.1 | 56 | Pn | 10:55:34.55 | 0.90 |
| VYHS | 150.0 | 16 | Sn | 55:52.47 | -1.26 |
| | | | | | |

1800.

2021-12-01 time: 7:41:26.19 UTC ML= 1.8
 lat: 47.851N lon: 19.993E h= 0.0 km
 erh= 3.5km erz= 4.1km
 nr= 11 gap=134 rms=0.88
 Locality: Abasár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 10.5 | 316 | PgU | 7:41:28.93 | 0.86 |
| | | | Sg | 41:30.48 | 0.96 |
| PENC | 53.7 | 263 | Sg | 7:41:43.31 | 0.06 |
| BSZH | 64.7 | 161 | Pg | 7:41:37.83 | 0.09 |
| KECS | 79.3 | 28 | Sg | 7:41:50.69 | -0.71 |

| | | | | | |
|------|-------|-----|----|------------|-------|
| VYHS | 111.8 | 310 | Pg | 7:41:46.75 | 0.58 |
| | | | Sg | 41:59.73 | -2.02 |
| PKSG | 130.8 | 247 | Pn | 7:41:49.52 | -0.02 |
| | | | Sn | 42:05.71 | -2.03 |
| CSKK | 141.1 | 247 | Sn | 7:42:08.77 | -1.26 |
| PKST | 161.4 | 246 | Sn | 7:42:15.09 | 0.55 |

1801.

2021-12-01 time: 7:54:19.26 UTC ML= 1.7
 lat: 46.032N lon: 22.833E h= 0.0 km
 erh= 2.6km erz= 936km
 nr= 11 gap=124 rms=0.76
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 17.4 | 162 | Pg | 7:54:22.59 | 0.22 |
| | | | Sg | 54:25.40 | 0.60 |
| GZR | 71.1 | 184 | Pg | 7:54:32.04 | 0.07 |
| | | | Sg | 54:41.21 | -0.67 |
| DRGR | 84.9 | 354 | Pg | 7:54:35.04 | 0.61 |
| | | | Sg | 54:44.85 | -1.41 |
| SIRR | 94.4 | 286 | Pg | 7:54:37.05 | 0.94 |
| | | | Sg | 54:48.30 | -0.96 |
| CJR | 95.9 | 38 | Sg | 7:54:48.60 | -1.15 |
| BZS | 105.2 | 244 | Pg | 7:54:38.46 | 0.41 |
| | | | Sg | 54:51.41 | -1.30 |

1802.

2021-12-01 time: 8:37:10.60 UTC ML= 1.3
 lat: 48.017N lon: 20.335E h= 0.0 km
 erh= 2.3km erz= 493km
 nr= 6 gap=186 rms=0.29
 Locality: Mónosbél
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 34.7 | 252 | Pg | 8:37:16.92 | 0.12 |
| | | | Sg | 37:21.54 | -0.09 |
| KECS | 53.0 | 12 | Sg | 8:37:27.97 | 0.52 |
| ABAH | 74.1 | 65 | Pg | 8:37:23.90 | 0.07 |
| | | | Sg | 37:33.83 | -0.32 |
| VYHS | 123.3 | 295 | Sg | 8:37:49.20 | -0.59 |

1803.

2021-12-01 time: 9:52:43.37 UTC ML= 1.3
 lat: 46.880N lon: 17.451E h= 0.0 km
 erh= 3.1km erz= 524km
 nr= 8 gap=221 rms=0.37
 Locality: Tapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 32.9 | 12 | Pg | 9:52:49.16 | -0.09 |
| | | | Sg | 52:53.18 | -0.66 |
| PKST | 61.2 | 46 | Pg | 9:52:54.69 | 0.40 |
| | | | Sg | 53:03.01 | 0.20 |
| KOVH | 101.1 | 150 | Sg | 9:53:16.01 | 0.49 |
| MORH | 117.6 | 129 | Sg | 9:53:20.18 | -0.57 |
| PKSM | 117.7 | 129 | Sg | 9:53:20.78 | -0.01 |
| PKSV | 126.3 | 151 | Sg | 9:53:23.29 | -0.22 |

1804.

2021-12-01 time: 10:49:16.77 UTC ML= 1.5
 lat: 47.833N lon: 16.015E h= 0.0 km
 erh= 1.8km erz= 4.3km
 nr= 9 gap=103 rms=0.59
 Locality: Austria
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.6 | 313 | Pg | 10:49:19.92 | 0.37 |
| | | | Sg | 49:22.38 | 0.65 |
| RONA | 25.8 | 125 | Pg | 10:49:21.93 | 0.56 |
| | | | Sg | 49:25.44 | 0.48 |
| ARSA | 74.6 | 210 | Pg | 10:49:29.91 | -0.18 |
| | | | Sg | 49:39.75 | -0.73 |
| MODS | 111.6 | 57 | Sg | 10:49:51.70 | -0.54 |
| KRUC | 139.5 | 12 | Pn | 10:49:40.55 | -0.65 |
| | | | Sn | 49:57.43 | -2.82 |

| PKB2 | 99.6 | 140 | Sg | 7:53:58.81 | -0.18 |
|------|-------|-----|----|------------|-------|
| PSZ | 127.8 | 61 | Pg | 7:53:50.67 | 0.51 |
| | | | Sg | 54:08.30 | 0.34 |
| MORH | 128.9 | 172 | Pg | 7:53:50.37 | 0.02 |
| | | | Sg | 54:04.83 | -3.47 |
| VYHS | 129.8 | 14 | Pg | 7:53:49.87 | -0.65 |
| | | | Sg | 54:07.04 | -1.55 |
| MODS | 140.5 | 323 | Sn | 7:54:09.11 | -1.93 |
| KOVH | 143.6 | 189 | Sn | 7:54:10.41 | -1.33 |

1805.

2021-12-01 time: 11:09:39.07 UTC ML= 1.8
 lat: 48.424N lon: 17.272E h= 0.0 km
 erh= 3.1km erz= 969km
 nr= 10 gap= 92 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 5.6 | 176 | PgU | 11:09:40.79 | 0.72 |
| | | | Sg | 09:41.90 | 1.04 |
| SMOL | 15.3 | 49 | Pg | 11:09:42.10 | 0.30 |
| | | | Sg | 09:43.93 | 0.00 |
| KRUC | 95.8 | 318 | Pg | 11:09:56.51 | 0.33 |
| RONA | 108.5 | 222 | Pg | 11:09:58.47 | 0.03 |
| | | | Sg | 10:12.33 | -1.23 |
| VYHS | 116.0 | 86 | Sg | 11:10:13.93 | -2.00 |
| CONA | 118.5 | 242 | Pg | 11:10:00.07 | -0.15 |
| | | | Sg | 10:15.09 | -1.64 |

1806.

2021-12-01 time: 13:19:05.08 UTC ML= 1.2
 lat: 47.559N lon: 18.461E h= 0.0 km
 erh= 2.1km erz= 2.2km
 nr= 14 gap= 92 rms=0.71
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 19.3 | 196 | Pg | 13:19:09.06 | 0.53 |
| | | | Sg | 19:11.73 | 0.52 |
| CSKK | 26.5 | 215 | Pg | 13:19:10.16 | 0.35 |
| | | | Sg | 19:13.90 | 0.40 |
| PKST | 46.3 | 224 | Pg | 13:19:13.90 | 0.54 |
| | | | Sg | 19:19.41 | -0.40 |
| VYHS | 107.7 | 15 | Pg | 13:19:24.72 | 0.41 |
| | | | Sg | 19:38.69 | -0.62 |
| PSZ | 114.7 | 70 | Sg | 13:19:41.24 | -0.30 |
| MODS | 126.6 | 316 | Sg | 13:19:43.22 | -2.10 |
| PKB3 | 138.0 | 156 | Sn | 13:19:46.60 | -1.62 |
| MORH | 149.9 | 175 | Sn | 13:19:50.39 | -0.49 |
| PKSM | 150.4 | 175 | Sn | 13:19:50.93 | -0.04 |
| KOVH | 165.8 | 190 | Sn | 13:19:52.68 | -1.71 |

1807.

2021-12-02 time: 7:53:27.34 UTC ML= 1.8
 lat: 47.363N lon: 18.405E h= 0.0 km
 erh= 1.4km erz= 2.9km
 nr= 17 gap= 79 rms=0.76
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.4 | 341 | PgU | 7:53:28.51 | 0.57 |
| | | | Sg | 53:29.24 | 0.83 |
| CSKK | 10.9 | 270 | Pg | 7:53:29.84 | 0.55 |
| | | | Sg | 53:31.27 | 0.45 |
| PKST | 30.3 | 248 | Pg | 7:53:33.01 | 0.25 |
| | | | Sg | 53:36.52 | -0.47 |
| PKB1 | 70.8 | 155 | Sg | 7:53:50.83 | 1.00 |
| PKB5 | 89.0 | 164 | Sg | 7:53:55.05 | -0.59 |

1808.

2021-12-02 time: 9:13:37.58 UTC ML= 0.9
 lat: 47.261N lon: 18.247E h= 0.0 km
 erh= 3.0km erz= 520km
 nr= 7 gap=232 rms=0.34
 Locality: Kincsesbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 11.4 | 5 | Pg | 9:13:40.01 | 0.40 |
| | | | Sg | 13:41.79 | 0.60 |
| PKST | 16.1 | 269 | Pg | 9:13:40.32 | -0.14 |
| | | | Sg | 13:42.62 | -0.08 |
| PKSG | 18.1 | 37 | Pg | 9:13:40.76 | -0.06 |
| | | | Sg | 13:43.02 | -0.32 |
| A337 | 114.6 | 343 | Sg | 9:14:13.28 | -0.71 |

1809.

2021-12-02 time: 9:31:58.48 UTC ML= 1.4
 lat: 48.363N lon: 19.877E h= 0.0 km
 erh= 2.2km erz= 834km
 nr= 10 gap=102 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 47.0 | 73 | Pg | 9:32:07.34 | 0.47 |
| | | | Sg | 32:13.74 | 0.33 |
| PSZ | 49.5 | 178 | Pg | 9:32:07.46 | 0.15 |
| | | | Sg | 32:13.69 | -0.51 |
| VYHS | 78.4 | 281 | Pg | 9:32:13.02 | 0.54 |
| | | | Sg | 32:22.69 | -0.71 |
| LANS | 92.6 | 341 | Sg | 9:32:27.30 | -0.61 |
| ABAH | 101.3 | 94 | Sg | 9:32:28.91 | -1.77 |
| NIE | 121.7 | 15 | Pg | 9:32:20.78 | 0.57 |
| | | | Sg | 32:36.14 | -1.02 |

1810.

2021-12-02 time: 10:16:54.04 UTC ML= 1.9
 lat: 48.242N lon: 21.262E h= 0.0 km
 erh= 1.3km erz= 1.4km
 nr= 16 gap=105 rms=0.42
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 6.3 | 345 | Pg | 10:16:55.25 | 0.09 |
| | | | Sg | 16:56.25 | 0.22 |
| KECS | 63.5 | 295 | Pg | 10:17:05.44 | 0.06 |
| | | | Sg | 17:13.32 | -0.90 |
| TRPA | 95.8 | 97 | Pg | 10:17:11.51 | 0.37 |
| | | | Sg | 17:23.87 | -0.61 |
| KOLS | 107.1 | 44 | Pg | 10:17:13.61 | 0.44 |
| | | | Sg | 17:27.33 | -0.77 |
| PSZ | 108.1 | 251 | Pg | 10:17:13.42 | 0.08 |
| | | | Sg | 17:27.43 | -0.96 |
| STHS | 130.7 | 359 | Pn | 10:17:17.19 | -0.18 |
| NIE | 148.3 | 332 | Pn | 10:17:19.95 | 0.38 |
| | | | Sn | 17:38.73 | -0.74 |
| LANS | 166.3 | 307 | Sn | 10:17:43.69 | 0.21 |
| VYHS | 181.9 | 279 | Sn | 10:17:47.31 | 0.37 |
| DRGR | 194.7 | 146 | Sn | 10:17:49.87 | 0.10 |

Földrengés paraméterek

Hypocenter Parameters

1811.

2021-12-02 time: 10:35:03.92 UTC ML= 1.5
 lat: 48.341N lon: 21.560E h= 0.0 km
 erh= 1.0km erz= 1.1km
 nr= 6 gap=211 rms=0.15
 Locality: Károlyfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 24.3 | 258 | Pg | 10:35:08.40 | 0.14 |
| | | | Sg | 35:11.72 | 0.08 |
| KECS | 81.1 | 281 | Sg | 10:35:29.49 | -0.21 |
| KOLS | 84.3 | 39 | Sg | 10:35:30.66 | -0.04 |
| STHS | 121.9 | 349 | Sg | 10:35:42.74 | 0.08 |
| PSZ | 132.6 | 249 | Sn | 10:35:45.62 | -0.25 |

1812.

2021-12-02 time: 10:35:34.68 UTC ML= 1.4
 lat: 46.326N lon: 21.905E h= 0.0 km
 erh= 3.9km erz= ***km
 nr= 7 gap=159 rms=0.69
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 20.0 | 251 | Pg | 10:35:38.76 | 0.50 |
| | | | Sg | 35:40.55 | -0.49 |
| DRGR | 80.6 | 50 | Sg | 10:35:59.52 | -0.78 |
| BZS | 82.0 | 196 | Pg | 10:35:49.68 | 0.36 |
| | | | Sg | 35:59.64 | -1.10 |
| GZR | 123.8 | 147 | Pg | 10:35:57.56 | 0.77 |
| | | | Sg | 36:13.09 | -0.95 |

1813.

2021-12-02 time: 11:14:20.93 UTC ML= 1.5
 lat: 48.814N lon: 21.186E h= 0.0 km
 erh= 3.4km erz= 5.0km
 nr= 10 gap= 95 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 57.8 | 176 | Pg | 11:14:31.79 | 0.54 |
| | | | Sg | 14:38.87 | -0.43 |
| KECS | 63.4 | 234 | Sg | 11:14:40.37 | -0.72 |
| STHS | 67.1 | 4 | Pg | 11:14:33.79 | 0.87 |
| | | | Sg | 14:41.07 | -1.19 |
| KOLS | 80.8 | 81 | Sg | 11:14:45.74 | -0.89 |
| NIE | 92.6 | 317 | Sg | 11:14:49.76 | -0.61 |
| LANS | 131.2 | 287 | Pn | 11:14:45.89 | 1.56 |
| | | | Sn | 15:01.56 | -1.01 |
| PSZ | 138.2 | 224 | Sn | 11:15:03.47 | -0.65 |

1814.

2021-12-02 time: 13:56:06.34 UTC ML= 2.1
 lat: 45.904N lon: 16.037E h= 6.9 km
 erh= 1.4km erz= 0.9km
 nr= 18 gap= 62 rms=0.45
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PTJ | 6.1 | 266 | Pg | 13:56:08.09 | 0.10 |
| | | | Sg | 56:09.15 | -0.13 |
| ZAG | 9.0 | 202 | Pg | 13:56:08.40 | 0.03 |
| | | | Sg | 56:10.03 | 0.08 |
| CRES | 45.9 | 259 | Pg | 13:56:14.81 | 0.19 |
| | | | Sg | 56:20.43 | -0.66 |
| KOGS | 62.7 | 15 | Pg | 13:56:17.88 | 0.28 |

| | | | | | |
|------|-------|-----|----|-------------|--------|
| | | | Sg | 56:25.69 | -0.69 |
| BEHE | 84.9 | 42 | Pg | 13:56:21.16 | -0.39 |
| | | | Sg | 56:34.00 | 0.59 |
| SOKA | 115.7 | 318 | Pn | 13:56:26.59 | -0.32 |
| | | | Sn | 56:40.31 | -2.65* |
| OBKA | 133.1 | 300 | Pn | 13:56:30.33 | 1.25 |
| | | | Sn | 56:46.43 | -0.39 |
| ARSA | 154.7 | 345 | Sn | 13:56:51.88 | 0.25 |
| BLY | 156.8 | 145 | Sn | 13:56:51.88 | -0.20 |
| KOVH | 161.1 | 83 | Sn | 13:56:52.59 | -0.46 |
| TRI | 178.0 | 263 | Sn | 13:56:57.39 | 0.60 |

1815.

2021-12-02 time: 21:58:52.09 UTC ML= 1.5
 lat: 45.833N lon: 21.568E h= 2.5 km
 erh= 4.0km erz= 3.5km
 nr= 14 gap=197 rms=0.95
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 24.3 | 171 | Pg | 21:58:56.01 | -0.45 |
| | | | Sg | 58:59.33 | -0.53 |
| SURR | 44.2 | 101 | PgD | 21:59:00.41 | 0.42 |
| | | | Sg | 59:07.10 | 0.95 |
| SIRR | 48.8 | 8 | Pg | 21:59:00.64 | -0.18 |
| | | | Sg | 59:07.46 | -0.17 |
| GZR | 106.2 | 117 | Sg | 21:59:24.23 | -1.62 |
| HERR | 124.9 | 148 | PnC | 21:59:14.20 | -0.18 |
| DRGR | 138.3 | 40 | Pn | 21:59:17.70 | 1.66 |
| | | | Sn | 59:32.87 | -1.85 |
| MARR | 151.9 | 52 | PnD | 21:59:17.68 | -0.07 |
| | | | Sn | 59:36.40 | -1.36 |
| LOT | 176.9 | 104 | PnC | 21:59:22.50 | 1.64 |
| | | | Sn | 59:44.30 | 1.00 |

1816.

2021-12-03 time: 7:51:55.15 UTC ML= 1.6
 lat: 46.908N lon: 22.813E h= 0.0 km
 erh= 7.0km erz= 3.7km
 nr= 7 gap=310 rms=0.50
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 15.1 | 211 | Pg | 7:51:58.16 | 0.32 |
| | | | Sg | 52:00.67 | 0.73 |
| SIRR | 113.5 | 231 | Pg | 7:52:15.28 | -0.14 |
| | | | Sg | 52:30.14 | -1.09 |
| GZR | 168.4 | 181 | Pn | 7:52:23.31 | 0.14 |
| | | | Sn | 52:44.20 | -0.83 |
| BZS | 170.6 | 213 | Sn | 7:52:45.61 | 0.08 |

1817.

2021-12-03 time: 9:10:05.63 UTC ML= 1.3
 lat: 48.278N lon: 21.530E h= 0.0 km
 erh= 8.7km erz= 5.0km
 nr= 7 gap=215 rms=0.71
 Locality: Sározsadány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 21.7 | 275 | Pg | 9:10:10.01 | 0.52 |
| | | | Sg | 10:13.43 | 0.92 |
| KECS | 80.7 | 286 | Sg | 9:10:30.50 | -0.76 |
| KOLS | 91.2 | 37 | Sg | 9:10:34.24 | -0.37 |
| PSZ | 128.2 | 252 | Sg | 9:10:45.56 | -0.82 |
| NIE | 155.2 | 325 | Sn | 9:10:51.79 | -0.79 |
| LANS | 180.1 | 303 | Sn | 9:10:58.92 | 0.79 |

Hypocenter Parameters

Földrengés paraméterek

1818.

2021-12-03 time: 9:36:49.00 UTC ML= 1.7
 lat: 47.837N lon: 19.126E h= 0.0 km
 erh= 0.8km erz=96.7km
 nr= 5 gap=230 rms=0.05
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 12.8 | 114 | Pg | 9:36:51.30 | 0.02 |
| | | | Sg | 36:52.96 | -0.10 |
| PSZ | 58.2 | 81 | Pg | 9:36:59.39 | 0.00 |
| | | | Sg | 37:07.57 | 0.07 |
| VYHS | 76.1 | 344 | Sg | 9:37:13.20 | 0.00 |

1819.

2021-12-03 time: 9:55:19.06 UTC ML= 1.0
 lat: 47.384N lon: 18.468E h= 0.0 km
 erh= 2.7km erz= 4.0km
 nr= 8 gap=143 rms=0.41
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.9 | 278 | Pg | 9:55:19.84 | -0.28 |
| | | | Sg | 55:20.40 | -0.54 |
| CSKK | 15.9 | 261 | Pg | 9:55:22.10 | 0.20 |
| | | | Sg | 55:24.52 | 0.41 |
| PKST | 35.6 | 247 | Pg | 9:55:25.87 | 0.44 |
| | | | Sg | 55:30.17 | -0.22 |
| PSZ | 122.5 | 61 | Sg | 9:55:58.16 | 0.16 |
| MORH | 130.6 | 174 | Sn | 9:55:59.36 | -1.21 |

1820.

2021-12-03 time: 11:08:01.23 UTC ML= 1.8
 lat: 48.598N lon: 20.719E h= 0.0 km
 erh= 1.7km erz= 3.7km
 nr= 10 gap=128 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.4 | 233 | Pg | 11:08:05.61 | 0.55 |
| | | | Sg | 08:08.42 | 0.38 |
| ABAH | 51.1 | 131 | Pg | 11:08:10.23 | -0.13 |
| | | | Sg | 08:17.30 | -0.18 |
| PSZ | 97.2 | 219 | Pg | 11:08:18.91 | 0.31 |
| | | | Sg | 08:31.16 | -0.98 |
| LANS | 110.4 | 304 | Pg | 11:08:21.37 | 0.42 |
| | | | Sg | 08:35.73 | -0.60 |
| KOLS | 120.2 | 72 | Sg | 11:08:39.00 | -0.44 |
| VYHS | 139.5 | 265 | Sn | 11:08:43.66 | -1.05 |

1821.

2021-12-03 time: 11:28:59.27 UTC ML= 1.0
 lat: 47.734N lon: 18.695E h= 0.0 km
 erh= 3.3km erz= 769km
 nr= 8 gap=144 rms=0.57
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 44.4 | 211 | Pg | 11:29:07.38 | 0.18 |
| | | | Sg | 29:13.25 | -0.13 |
| PENC | 44.5 | 82 | Pg | 11:29:08.03 | 0.82 |
| CSKK | 52.6 | 218 | Sg | 11:29:15.79 | -0.20 |
| PKST | 72.6 | 223 | Pg | 11:29:12.55 | 0.32 |
| | | | Sg | 29:21.33 | -1.00 |
| VYHS | 85.2 | 7 | Sg | 11:29:25.75 | -0.59 |
| PSZ | 92.1 | 77 | Sg | 11:29:27.76 | -0.80 |

1822.

2021-12-03 time: 13:38:49.65 UTC ML= 2.0
 lat: 46.752N lon: 22.716E h= 0.0 km
 erh= 8.4km erz= 9.7km
 nr= 6 gap=183 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DRGR | 4.4 | 355 | Pg | 13:38:50.00 | -0.44 |
| | | | Sg | 38:51.21 | 0.15 |
| GZR | 151.1 | 178 | Pn | 13:39:15.96 | 0.44 |
| | | | Sn | 39:35.34 | -0.36 |
| BZS | 152.1 | 214 | Pn | 13:39:16.07 | 0.43 |
| | | | Sn | 39:35.54 | -0.38 |

1823.

2021-12-04 time: 10:14:19.46 UTC ML= 2.3
 lat: 45.602N lon: 16.097E h= 5.4 km
 erh= 3.1km erz= 2.3km
 nr= 15 gap=217 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ZAG | 26.5 | 342 | Sg | 10:14:29.12 | 1.08 |
| PTJ | 34.8 | 342 | Pg | 10:14:25.80 | 0.05 |
| | | | Sg | 14:30.02 | -0.64 |
| CRES | 55.7 | 297 | Pg | 10:14:28.86 | -0.59 |
| | | | Sg | 14:37.05 | -0.20 |
| KOGS | 94.8 | 7 | Pg | 10:14:37.05 | 0.64 |
| | | | Sg | 14:49.80 | 0.16 |
| GROS | 106.0 | 334 | Pg | 10:14:38.55 | 0.14 |
| | | | Sg | 14:52.16 | -1.04 |
| BEHE | 109.9 | 29 | Sg | 10:14:25.67 | -0.75 |
| PERS | 137.7 | 327 | Pn | 10:14:44.00 | 1.03 |
| | | | Sn | 15:01.75 | 0.44 |
| SOKA | 145.2 | 325 | Sn | 10:15:02.66 | -0.31 |
| KOVH | 164.7 | 71 | Sn | 10:15:06.67 | -0.64 |
| PKSV | 170.7 | 79 | Sn | 10:15:08.09 | -0.55 |

1824.

2021-12-06 time: 8:45:40.19 UTC ML= 1.1
 lat: 47.355N lon: 18.438E h= 0.0 km
 erh= 1.1km erz= 239km
 nr= 8 gap=190 rms=0.18
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.4 | 318 | PgU | 8:45:41.37 | 0.21 |
| | | | Sg | 45:41.93 | 0.01 |
| CSKK | 13.5 | 274 | Pg | 8:45:42.61 | 0.01 |
| | | | Sg | 45:44.59 | 0.12 |
| PKST | 32.4 | 251 | Pg | 8:45:45.89 | -0.08 |
| | | | Sg | 45:50.29 | -0.19 |
| PSZ | 126.1 | 60 | Sg | 8:46:20.16 | -0.11 |
| VYHS | 130.1 | 13 | Sg | 8:46:20.02 | -1.51 |

1825.

2021-12-06 time: 17:00:31.13 UTC ML= 0.6
 lat: 47.864N lon: 16.308E h= 13.6 km
 erh= 3.4km erz= 2.7km
 nr= 8 gap=134 rms=0.50
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| RONA | 18.3 | 183 | Pg | 17:00:35.36 | 0.16 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 00:37.54 | -0.82 | |
| SOP | 27.5 | 137 | Pg | 17:00:36.62 | 0.01 |
| WINA | 32.2 | 327 | Sg | 17:00:42.69 | 0.44 |
| CONA | 34.1 | 282 | Pg | 17:00:38.15 | 0.46 |
| | | | Sg | 00:42.44 | -0.36 |
| ABNA | 110.7 | 324 | Sn | 17:01:03.62 | -1.53 |
| KRUC | 133.4 | 3 | Sn | 17:01:10.38 | 0.21 |

1826.

2021-12-07 time: 1:20:54.03 UTC ML= 1.9
 lat: 45.754N lon: 17.503E h= 15.4 km
 erh= 3.3km erz= 2.8km
 nr= 12 gap=132 rms=0.68
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 59.4 | 51 | Pg | 1:21:05.35 | 0.37 |
| | | | Sg | 21:12.30 | -1.22 |
| PKSV | 60.1 | 76 | Pg | 1:21:05.17 | 0.06 |
| | | | Sg | 21:12.90 | -0.85 |
| BEHE | 97.5 | 325 | P* | 1:21:11.42 | 0.25 |
| | | | S* | 21:23.88 | -0.65 |
| MORH | 102.3 | 60 | Pn | 1:21:11.72 | -0.13 |
| | | | Sn | 21:24.48 | -1.27 |
| BLY | 114.5 | 193 | Pn | 1:21:13.79 | 0.42 |
| | | | Sn | 21:27.54 | -0.92 |
| PKB4 | 118.5 | 46 | Pn | 1:21:14.74 | 0.86 |
| | | | Sn | 21:30.70 | 1.34 |

1827.

2021-12-07 time: 8:02:20.13 UTC ML= 1.5
 lat: 47.999N lon: 20.351E h= 0.0 km
 erh= 2.7km erz= 478km
 nr= 5 gap=192 rms=0.21
 Locality: Szarvaskő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 35.3 | 255 | Pg | 8:02:26.37 | -0.06 |
| | | | Sg | 02:31.59 | 0.24 |
| KECS | 54.7 | 10 | Sg | 8:02:37.51 | -0.02 |
| ABAH | 73.9 | 63 | Pg | 8:02:33.10 | -0.22 |
| | | | Sg | 02:44.04 | 0.43 |

1828.

2021-12-07 time: 8:11:07.90 UTC ML= 1.4
 lat: 47.307N lon: 18.320E h= 0.0 km
 erh= 1.5km erz= 1.6km
 nr= 12 gap=127 rms=0.33
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 7.7 | 324 | Pg | 8:11:09.38 | 0.11 |
| | | | Sg | 11:10.22 | -0.12 |
| PKSG | 10.8 | 30 | Pg | 8:11:09.83 | 0.00 |
| | | | Sg | 11:11.64 | 0.30 |
| PKST | 22.2 | 256 | Pg | 8:11:11.84 | -0.03 |
| | | | Sg | 11:15.10 | 0.13 |
| MPLH | 61.0 | 256 | Sg | 8:11:27.28 | -0.01 |
| PSZ | 136.5 | 60 | Pn | 8:11:32.30 | 0.34 |
| | | | Sn | 11:50.08 | -0.64 |
| KOVH | 136.5 | 187 | Sn | 8:11:49.73 | -0.99 |
| VYHS | 137.5 | 16 | Pn | 8:11:32.31 | 0.23 |
| | | | Sn | 11:49.89 | -1.05 |

1829.

2021-12-07 time: 8:46:29.10 UTC ML= 1.8
 lat: 45.993N lon: 22.804E h= 0.0 km
 erh= 2.9km erz= 5.7km
 nr= 10 gap=114 rms=0.65
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 14.4 | 148 | Sg | 8:46:33.68 | -0.01 |
| GZR | 66.7 | 182 | Pg | 8:46:41.51 | 0.50 |
| | | | Sg | 46:50.15 | -0.16 |
| DRGR | 89.0 | 355 | Sg | 8:46:56.68 | -0.72 |
| SIRR | 93.6 | 289 | Pg | 8:46:46.94 | 1.13 |
| | | | Sg | 46:58.58 | -0.26 |
| BZS | 101.4 | 246 | Pg | 8:46:46.33 | -0.87 |
| | | | Sg | 47:01.10 | -0.22 |
| VOIR | 185.4 | 109 | Pn | 8:46:59.59 | 0.34 |
| | | | Sn | 47:22.08 | -0.69 |

1830.

2021-12-07 time: 9:39:25.46 UTC ML= 1.2
 lat: 46.210N lon: 18.270E h= 0.0 km
 erh= 3.9km erz= 847km
 nr= 6 gap=168 rms=0.50
 Locality: Komló
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOVH | 18.9 | 224 | Pg | 9:39:29.12 | 0.29 |
| | | | Sg | 39:31.43 | -0.03 |
| MORH | 28.9 | 89 | Pg | 9:39:30.97 | 0.35 |
| | | | Sg | 39:34.89 | 0.25 |
| PKSV | 35.8 | 182 | Sg | 9:39:36.13 | -0.71 |
| PKB1 | 75.4 | 32 | Sg | 9:39:48.28 | -1.13 |

1831.

2021-12-07 time: 10:03:41.77 UTC ML= 1.0
 lat: 48.004N lon: 16.105E h= 0.0 km
 erh= 1.7km erz= 436km
 nr= 5 gap=147 rms=0.20
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 20.0 | 245 | Pg | 10:03:45.46 | 0.12 |
| | | | Sg | 03:47.87 | -0.26 |
| RONA | 36.7 | 157 | Pg | 10:03:48.52 | 0.19 |
| | | | Sg | 03:53.14 | -0.30 |
| KRUC | 119.6 | 10 | Sg | 10:04:19.68 | -0.09 |

1832.

2021-12-07 time: 10:21:20.21 UTC ML= 1.8
 lat: 48.619N lon: 20.893E h= 0.0 km
 erh= 2.0km erz= 5.1km
 nr= 14 gap= 79 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 33.7 | 243 | Pg | 10:21:26.64 | 0.42 |
| | | | Sg | 21:30.86 | -0.05 |
| ABAH | 44.1 | 144 | Pg | 10:21:28.62 | 0.53 |
| | | | Sg | 21:33.77 | -0.46 |
| STHS | 92.4 | 16 | Pg | 10:21:37.31 | 0.60 |
| | | | Sg | 21:48.74 | -0.83 |
| NIE | 98.6 | 335 | Pg | 10:21:39.30 | 1.49 |
| | | | Sg | 21:50.97 | -0.57 |
| KOLS | 107.3 | 71 | Sg | 10:21:53.22 | -1.10 |
| PSZ | 107.5 | 224 | Pg | 10:21:39.30 | -0.12 |

Hypocenter Parameters

LANS 120.1 299 Sg 21:53.78 -0.62
 Pg 10:21:41.27 -0.39
 Sg 21:57.14 -1.25
 VYHS 152.5 265 Sn 10:22:06.53 -0.05

1833.

2021-12-07 time: 10:28:36.91 UTC ML= 1.5
 lat: 48.616N lon: 20.782E h= 0.0 km
 erh= 2.4km erz= 3.6km
 nr= 10 gap= 93 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KECS | 26.4 | 236 | Pg | 10:28:42.11 | | | 0.48 |
| | | | Sg | 28:45.17 | | | -0.14 |
| ABAH | 49.1 | 136 | Pg | 10:28:46.43 | | | 0.75 |
| | | | Sg | 28:52.66 | | | 0.14 |
| NIE | 95.6 | 339 | Sg | 10:29:08.57 | | | 1.27 |
| PSZ | 101.8 | 220 | Pg | 10:28:55.02 | | | -0.07 |
| LANS | 113.2 | 302 | Sg | 10:29:11.64 | | | -1.26 |
| KOLS | 115.1 | 72 | Sg | 10:29:12.44 | | | -1.05 |
| TRPA | 140.9 | 113 | Sn | 10:29:19.37 | | | -1.33 |
| VYHS | 144.3 | 265 | Sn | 10:29:20.77 | | | -0.69 |

1834.

2021-12-07 time: 10:35:41.06 UTC ML= 1.0
 lat: 47.154N lon: 18.313E h= 0.0 km
 erh= 1.9km erz= 2.9km
 nr= 8 gap=217 rms=0.35
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CSKK | 23.6 | 350 | Pg | 10:35:45.52 | | | 0.25 |
| | | | Sg | 35:48.37 | | | -0.19 |
| PKST | 24.1 | 299 | Pg | 10:35:45.31 | | | -0.06 |
| | | | Sg | 35:48.88 | | | 0.15 |
| PKSG | 27.1 | 13 | Pg | 10:35:46.23 | | | 0.33 |
| | | | Sg | 35:49.49 | | | -0.18 |
| MPLH | 58.7 | 272 | Sg | 10:35:59.33 | | | -0.38 |
| PSZ | 146.3 | 54 | Sn | 10:36:24.57 | | | -1.48 |

1835.

2021-12-07 time: 10:56:57.35 UTC ML= 0.6
 lat: 47.315N lon: 18.283E h= 0.0 km
 erh= 1.2km erz= 222km
 nr= 6 gap=208 rms=0.13
 Locality: Söréd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| CSKK | 5.6 | 342 | Pg | 10:56:58.33 | | | -0.02 |
| | | | Sg | 56:59.16 | | | 0.02 |
| PKSG | 11.8 | 44 | Pg | 10:56:59.59 | | | 0.13 |
| | | | Sg | 57:00.94 | | | -0.16 |
| PKST | 19.8 | 252 | Pg | 10:57:00.75 | | | -0.14 |
| | | | Sg | 57:03.88 | | | 0.22 |

1836.

2021-12-07 time: 11:16:37.99 UTC ML= 1.2
 lat: 47.561N lon: 18.443E h= 0.0 km
 erh= 8.2km erz= 633km
 nr= 5 gap=176 rms=0.31
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSG | 19.2 | 192 | Pg | 11:16:41.82 | | | 0.40 |
| | | | Sg | 16:43.63 | | | -0.46 |

Földrengés paraméterek

CSKK 25.9 212 Pg 11:16:42.69 0.07
 Sg 16:45.74 -0.49
 VYHS 107.8 16 Pg 11:16:57.22 -0.02

1837.

2021-12-07 time: 11:23:17.11 UTC ML= 1.9
 lat: 48.730N lon: 19.242E h= 0.0 km
 erh= 2.1km erz= 520km
 nr= 7 gap=151 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| VYHS | 39.8 | 229 | Pg | 11:23:24.12 | | | -0.09 |
| | | | Sg | 23:29.84 | | | 0.08 |
| LANS | 49.6 | 20 | Pg | 11:23:25.83 | | | -0.14 |
| | | | Sg | 23:32.61 | | | -0.27 |
| KECS | 95.8 | 107 | Sg | 11:23:47.27 | | | -0.29 |
| NIE | 109.5 | 46 | Pg | 11:23:37.43 | | | 0.76 |
| | | | Sg | 23:51.74 | | | -0.19 |

1838.

2021-12-08 time: 8:02:36.85 UTC ML= 1.9
 lat: 48.523N lon: 17.530E h= 0.0 km
 erh= 1.9km erz= 1.7km
 nr= 9 gap=228 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SMOL | 7.6 | 262 | PgU | 8:02:38.21 | | | 0.01 |
| | | | Sg | 02:39.12 | | | -0.14 |
| MODS | 25.1 | 228 | Pg | 8:02:41.65 | | | 0.33 |
| | | | Sg | 02:44.64 | | | -0.17 |
| KRUC | 102.7 | 306 | Pg | 8:02:55.74 | | | 0.56 |
| | | | Sg | 03:08.99 | | | -0.49 |
| MORC | 139.4 | 0 | Sn | 8:03:19.54 | | | -0.76 |
| CONA | 140.5 | 242 | Pn | 8:03:01.46 | | | 0.06 |
| | | | Sn | 03:19.19 | | | -1.37 |

1839.

2021-12-08 time: 9:55:57.98 UTC ML= 2.1
 lat: 46.879N lon: 17.374E h= 0.0 km
 erh= 2.9km erz= 5.7km
 nr= 19 gap= 95 rms=1.11
 Locality: Lesenceistvárd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| MPLH | 34.7 | 21 | Pg | 9:56:04.31 | | | 0.13 |
| | | | Sg | 56:09.54 | | | 0.53 |
| PKST | 65.5 | 50 | Pg | 9:56:09.74 | | | 0.06 |
| | | | Sg | 56:19.17 | | | 0.36 |
| PKS9 | 76.4 | 115 | Pg | 9:56:11.75 | | | 0.13 |
| CSKK | 86.1 | 51 | Pg | 9:56:13.66 | | | 0.30 |
| | | | Sg | 56:23.30 | | | -2.05 |
| PKSG | 95.9 | 54 | Sg | 9:56:27.79 | | | -0.67 |
| KOGS | 98.5 | 241 | Pg | 9:56:14.86 | | | -0.70 |
| | | | Sg | 56:27.51 | | | -1.77 |
| KOVH | 104.1 | 148 | Pg | 9:56:17.47 | | | 0.90 |
| | | | Sg | 56:30.23 | | | -0.83 |
| PKB1 | 108.7 | 96 | Sg | 9:56:30.33 | | | -2.20 |
| MORH | 122.2 | 127 | Pg | 9:56:21.69 | | | 1.90 |
| | | | Sg | 56:35.54 | | | -1.27 |
| PKSV | 129.2 | 148 | Sg | 9:56:39.27 | | | 0.23 |
| ARSA | 146.6 | 286 | Pn | 9:56:25.61 | | | 2.32 |
| | | | Sn | 56:41.47 | | | -1.56 |
| PTJ | 154.0 | 225 | Sn | 9:56:45.09 | | | 0.41 |

Földrengés paraméterek

Hypocenter Parameters

1840.

2021-12-08 time: 9:56:29.79 UTC ML= 1.8
 lat: 46.882N lon: 17.443E h= 0.0 km
 erh= 2.1km erz= 785km
 nr= 11 gap=131 rms=0.63
 Locality: Tapolca
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 32.9 | 13 | Pg | 9:56:35.92 | 0.26 |
| | | | Sg | 56:40.34 | 0.10 |
| PKST | 61.5 | 47 | Pg | 9:56:41.04 | 0.28 |
| | | | Sg | 56:49.17 | -0.15 |
| CSKK | 81.9 | 49 | Sg | 9:56:54.40 | -1.43 |
| KOVH | 101.6 | 150 | Pg | 9:56:48.77 | 0.83 |
| | | | Sg | 57:01.43 | -0.66 |
| KOGS | 103.2 | 242 | Sg | 9:57:02.01 | -0.58 |
| PKB5 | 103.8 | 108 | Sg | 9:57:03.62 | 0.82 |
| MORH | 118.2 | 129 | Sg | 9:57:06.65 | -0.72 |
| PKSM | 118.3 | 129 | Sg | 9:57:06.85 | -0.55 |

1841.

2021-12-08 time: 10:06:26.25 UTC ML= 0.6
 lat: 47.204N lon: 18.285E h= 0.0 km
 erh= 1.8km erz= 415km
 nr= 7 gap=145 rms=0.29
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 17.8 | 354 | Pg | 10:06:29.66 | 0.23 |
| | | | Sg | 06:31.56 | -0.35 |
| PKST | 20.0 | 288 | Pg | 10:06:29.96 | 0.14 |
| | | | Sg | 06:32.42 | -0.18 |
| PKSG | 22.3 | 21 | Pg | 10:06:30.42 | 0.18 |
| | | | Sg | 06:33.17 | -0.19 |
| MORH | 113.2 | 166 | Sg | 10:07:01.29 | -0.95 |

1842.

2021-12-08 time: 10:19:41.74 UTC ML= 1.5
 lat: 46.132N lon: 18.024E h= 0.0 km
 erh= 2.0km erz= 544km
 nr= 14 gap=195 rms=0.46
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 7.6 | 130 | PgU | 10:19:43.01 | -0.09 |
| | | | Sg | 19:44.17 | 0.01 |
| PKSV | 32.4 | 147 | Pg | 10:19:47.48 | -0.03 |
| | | | Sg | 19:51.40 | -0.62 |
| MORH | 48.7 | 79 | Pg | 10:19:50.43 | -0.01 |
| | | | Sg | 19:57.07 | -0.16 |
| PKB4 | 60.2 | 48 | Pg | 10:19:53.05 | 0.56 |
| | | | Sg | 20:00.33 | -0.55 |
| PKB5 | 75.1 | 47 | Pg | 10:19:56.06 | 0.92 |
| | | | Sg | 20:05.30 | -0.30 |
| PKB1 | 93.4 | 39 | Pg | 10:19:58.25 | -0.17 |
| | | | Sg | 20:11.98 | 0.55 |
| MPLH | 121.2 | 342 | Sg | 10:20:19.81 | -0.44 |
| PKST | 125.2 | 0 | Sg | 10:20:20.32 | -1.22 |

1843.

2021-12-08 time: 10:21:19.02 UTC ML= 1.7
 lat: 48.598N lon: 20.758E h= 0.0 km
 erh= 2.0km erz= 3.8km
 nr= 16 gap= 87 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.9 | 237 | Pg | 10:21:23.71 | 0.43 |
| | | | Sg | 21:26.52 | -0.08 |
| ABAH | 49.0 | 133 | Pg | 10:21:28.03 | 0.26 |
| | | | Sg | 21:35.16 | 0.56 |
| NIE | 96.9 | 340 | Pg | 10:21:36.76 | 0.44 |
| | | | Sg | 21:49.52 | -0.29 |
| STHS | 97.7 | 21 | Pg | 10:21:37.07 | 0.60 |
| | | | Sg | 21:48.92 | -1.15 |
| PSZ | 99.2 | 220 | Pg | 10:21:36.76 | 0.03 |
| | | | Sg | 21:49.12 | -1.42 |
| LANS | 112.8 | 303 | Pg | 10:21:39.78 | 0.61 |
| | | | Sg | 21:53.33 | -1.55 |
| KOLS | 117.4 | 72 | Sg | 10:21:54.94 | -1.41 |
| PENC | 141.8 | 231 | Sn | 10:22:00.76 | -2.26 |
| VYHS | 142.4 | 265 | Pn | 10:21:44.50 | 0.69 |
| | | | Sn | 22:02.67 | -0.47 |

1844.

2021-12-08 time: 10:22:27.56 UTC ML= 1.4
 lat: 48.559N lon: 20.736E h= 0.0 km
 erh= 3.9km erz= 2.6km
 nr= 5 gap=314 rms=0.68
 Locality: Komjáti
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 20.3 | 246 | Pg | 10:22:31.76 | 0.56 |
| | | | Sg | 22:34.75 | 0.72 |
| PSZ | 94.8 | 221 | Pg | 10:22:44.46 | -0.03 |
| | | | Sg | 22:56.51 | -1.18 |
| VYHS | 140.5 | 267 | Sn | 10:23:10.32 | -0.96 |

1845.

2021-12-08 time: 10:34:26.91 UTC ML= 1.5
 lat: 47.111N lon: 17.864E h= 0.0 km
 erh= 1.9km erz= 2.8km
 nr= 14 gap= 97 rms=0.87
 Locality: Márkó
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 20.9 | 38 | PgU | 10:34:30.22 | -0.42 |
| | | | Sg | 34:33.33 | -0.22 |
| TIH | 23.6 | 175 | Sg | 10:34:35.84 | 1.43 |
| MPLH | 25.5 | 285 | Pg | 10:34:31.93 | 0.47 |
| | | | Sg | 34:36.05 | 1.03 |
| PKSG | 50.6 | 52 | Pg | 10:34:36.57 | 0.62 |
| | | | Sg | 34:43.38 | 0.38 |
| KOVH | 115.1 | 171 | Sg | 10:35:02.50 | -1.01 |
| MORH | 116.1 | 149 | Pg | 10:34:48.14 | 0.50 |
| | | | Sg | 35:02.30 | -1.50 |
| PKSV | 139.1 | 168 | Sn | 10:35:09.28 | -1.03 |
| KOGS | 143.6 | 239 | Sn | 10:35:09.99 | -1.32 |
| MODS | 147.1 | 343 | Sn | 10:35:09.23 | -2.85 |
| VYHS | 170.1 | 25 | Sn | 10:35:17.06 | -0.13 |

1846.

2021-12-08 time: 14:51:49.06 UTC ML= 1.9
 lat: 47.108N lon: 19.380E h= 0.0 km
 erh= 6.6km erz= 842km
 nr= 6 gap=186 rms=0.51
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 17.9 | 248 | Pg | 14:51:52.35 | 0.08 |
| | | | Sg | 51:54.66 | -0.11 |
| PKB5 | 75.3 | 221 | Pg | 14:52:02.97 | 0.47 |
| PENC | 76.2 | 354 | Pg | 14:52:03.05 | 0.37 |
| PSZ | 98.1 | 23 | Pg | 14:52:06.06 | -0.52 |
| MORH | 114.0 | 210 | Sg | 14:52:23.58 | -1.73 |

Hypocenter Parameters

Földrengés paraméterek

1847.

2021-12-08 time: 15:03:00.72 UTC ML= 2.1
 lat: 47.104N lon: 19.434E h= 0.0 km
 erh= 4.9km erz= 754km
 nr= 8 gap=190 rms=0.54
 Locality: Táborfalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 21.7 | 253 | Pg | 15:03:04.54 | -0.05 |
| | | | Sg | 03:07.00 | -0.61 |
| PENC | 77.1 | 351 | Pg | 15:03:15.27 | 0.77 |
| PKB5 | 77.7 | 223 | Pg | 15:03:15.10 | 0.50 |
| | | | Sg | 03:25.14 | -0.29 |
| PSZ | 96.9 | 21 | Pg | 15:03:17.99 | -0.04 |
| | | | Sg | 03:30.38 | -1.15 |
| MORH | 115.8 | 211 | Sg | 15:03:37.03 | -0.50 |

1848.

2021-12-09 time: 8:51:54.16 UTC ML= 2.1
 lat: 47.343N lon: 18.429E h= 0.0 km
 erh= 1.0km erz= 1.8km
 nr= 22 gap= 69 rms=0.53
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSG | 6.1 | 332 | Pg | 8:51:55.35 | 0.10 |
| | | | Sg | 51:56.55 | 0.46 |
| CSKK | 12.9 | 280 | Pg | 8:51:56.60 | 0.14 |
| | | | Sg | 51:58.26 | 0.00 |
| PKST | 31.3 | 253 | Pg | 8:52:00.20 | 0.45 |
| | | | Sg | 52:03.85 | -0.25 |
| BUD | 47.5 | 71 | Sg | 8:52:10.06 | 0.80 |
| MPLH | 70.0 | 254 | Sg | 8:52:15.38 | -1.04 |
| PKB5 | 86.4 | 164 | Sg | 8:52:22.08 | 0.45 |
| PKB4 | 95.1 | 172 | Sg | 8:52:24.17 | -0.22 |
| PKB2 | 96.7 | 140 | Sg | 8:52:24.77 | -0.13 |
| PKB3 | 117.7 | 150 | Sg | 8:52:31.00 | -0.58 |
| MORH | 126.4 | 173 | Pg | 8:52:17.24 | 0.50 |
| | | | Sg | 52:33.30 | -1.05 |
| PSZ | 127.3 | 60 | Pg | 8:52:16.84 | -0.06 |
| | | | Sg | 52:33.81 | -0.82 |
| VYHS | 131.5 | 13 | Pn | 8:52:17.74 | 0.15 |
| | | | Sn | 52:34.57 | -1.29 |
| KOVH | 141.8 | 190 | Pn | 8:52:19.45 | 0.58 |
| | | | Sn | 52:37.28 | -0.87 |
| MODS | 143.3 | 323 | Pn | 8:52:19.25 | 0.19 |
| | | | Sn | 52:35.92 | -2.57* |

1849.

2021-12-09 time: 9:50:05.41 UTC ML= 2.5
 lat: 48.246N lon: 21.287E h= 0.0 km
 erh= 2.7km erz= 2.8km
 nr= 12 gap=104 rms=0.76
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ABAH | 6.5 | 327 | PgU | 9:50:07.07 | 0.50 |
| | | | Sg | 50:07.78 | 0.30 |
| KECS | 64.9 | 294 | Pg | 9:50:17.09 | 0.09 |
| | | | Sg | 50:25.25 | -0.80 |
| TRPA | 94.0 | 98 | Pg | 9:50:21.69 | -0.51 |
| | | | Sg | 50:34.54 | -0.75 |
| PSZ | 110.0 | 251 | Sg | 9:50:39.46 | -0.90 |
| STHS | 130.2 | 359 | Sg | 9:50:46.09 | -0.69 |
| NIE | 148.7 | 331 | Sn | 9:50:49.60 | -1.33 |
| LANS | 167.4 | 307 | Pn | 9:50:34.34 | 1.02 |
| | | | Sn | 50:55.83 | 0.74 |
| DRGR | 194.1 | 146 | Sn | 9:51:02.25 | 1.24 |

1850.

2021-12-09 time: 10:06:09.54 UTC ML= 0.6
 lat: 48.526N lon: 18.798E h= 0.0 km
 erh= 8.0km erz=12.3km
 nr= 8 gap=126 rms=1.09
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 4.5 | 141 | PgU | 10:06:11.48 | 1.13 |
| | | | Sg | 06:12.43 | 1.45 |
| PSZ | 105.8 | 130 | Sg | 10:06:42.06 | -1.13 |
| KECS | 124.8 | 92 | Sg | 10:06:48.11 | -1.12 |
| PKSG | 129.7 | 194 | Sg | 10:06:48.88 | -1.88 |
| EGYH | 164.8 | 222 | Sn | 10:06:59.13 | 0.49 |
| MORC | 166.6 | 327 | Sn | 10:06:59.20 | 0.16 |
| KRUC | 186.3 | 289 | Sn | 10:07:03.02 | -0.40 |

1851.

2021-12-09 time: 10:32:56.04 UTC ML= 1.8
 lat: 48.465N lon: 18.774E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 16 gap=121 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 5.6 | 55 | PgU | 10:32:56.68 | -0.36 |
| | | | Sg | 32:58.04 | 0.21 |
| SRO | 80.2 | 205 | Sg | 10:33:22.02 | 0.49 |
| PENC | 84.0 | 153 | Sg | 10:33:22.97 | 0.22 |
| LANS | 91.7 | 34 | Sg | 10:33:25.60 | 0.42 |
| SMOL | 99.6 | 273 | Pg | 10:33:14.49 | 0.67 |
| | | | Sg | 33:26.81 | -0.87 |
| PSZ | 103.2 | 126 | Pg | 10:33:15.36 | 0.90 |
| | | | Sg | 33:28.51 | -0.33 |
| MODS | 111.2 | 265 | Pg | 10:33:16.09 | 0.19 |
| | | | Sg | 33:29.80 | -1.59 |
| PKSG | 122.7 | 193 | Sg | 10:33:34.42 | -0.63 |
| KECS | 126.6 | 89 | Sg | 10:33:33.57 | -2.71 |
| PKST | 145.1 | 202 | Sn | 10:33:39.84 | -0.92 |
| NIE | 154.8 | 47 | Sn | 10:33:42.65 | -0.27 |
| MPLH | 171.1 | 213 | Sn | 10:33:47.17 | 0.63 |

1852.

2021-12-09 time: 10:42:11.32 UTC ML= 1.8
 lat: 48.529N lon: 19.388E h= 0.0 km
 erh= 1.8km erz= 3.1km
 nr= 12 gap=114 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 40.9 | 265 | Pg | 10:42:18.67 | 0.05 |
| | | | Sg | 42:23.64 | -0.68 |
| LANS | 69.4 | 5 | Pg | 10:42:24.31 | 0.61 |
| | | | Sg | 42:32.53 | -0.84 |
| PSZ | 77.7 | 151 | Pg | 10:42:25.95 | 0.77 |
| | | | Sg | 42:35.54 | -0.46 |
| KECS | 81.3 | 94 | Pg | 10:42:26.15 | 0.31 |
| | | | Sg | 42:36.70 | -0.46 |
| NIE | 119.9 | 34 | Pg | 10:42:32.94 | 0.21 |
| | | | Sg | 42:47.89 | -1.55 |
| ABAH | 139.5 | 101 | Sn | 10:42:54.13 | -0.68 |
| MORC | 193.3 | 316 | Sn | 10:43:06.67 | -0.07 |

Földrengés paraméterek

Hypocenter Parameters

1853.

2021-12-09 time: 13:20:01.53 UTC ML= 1.8
 lat: 47.084N lon: 19.411E h= 0.0 km
 erh= 3.4km erz= 698km
 nr= 10 gap=190 rms=0.54
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.4 | 258 | Pg | 13:20:05.07 | 0.06 |
| | | | Sg | 20:07.43 | -0.28 |
| PKB5 | 74.9 | 223 | Pg | 13:20:15.82 | 0.91 |
| | | | Sg | 20:25.96 | 0.62 |
| PENC | 79.2 | 353 | Pg | 13:20:16.42 | 0.75 |
| PKSG | 84.5 | 294 | Pg | 13:20:16.28 | -0.35 |
| PSZ | 99.7 | 21 | Pg | 13:20:18.87 | -0.46 |
| MORH | 112.9 | 211 | Pg | 13:20:21.49 | -0.21 |
| PKSM | 113.4 | 211 | Pg | 13:20:21.39 | -0.40 |
| | | | Sg | 20:36.66 | -0.93 |

1854.

2021-12-09 time: 13:43:51.21 UTC ML= 1.9
 lat: 47.078N lon: 19.431E h= 0.0 km
 erh= 3.2km erz= 605km
 nr= 10 gap=192 rms=0.47
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.8 | 261 | Pg | 13:43:54.91 | -0.02 |
| | | | Sg | 43:57.32 | -0.51 |
| PKB1 | 58.6 | 236 | Pg | 13:44:01.79 | 0.11 |
| PKB5 | 75.5 | 225 | Pg | 13:44:05.40 | 0.71 |
| | | | Sg | 44:16.65 | 1.44 |
| PENC | 80.0 | 352 | Pg | 13:44:05.90 | 0.40 |
| PSZ | 99.7 | 20 | Pg | 13:44:08.87 | -0.15 |
| MORH | 113.2 | 212 | Pg | 13:44:10.87 | -0.56 |
| | | | Sg | 44:26.94 | -0.26 |
| PKSM | 113.7 | 212 | Pg | 13:44:11.02 | -0.50 |

1855.

2021-12-10 time: 8:06:03.56 UTC ML= 1.5
 lat: 47.537N lon: 18.682E h= 0.0 km
 erh= 1.4km erz= 2.3km
 nr= 21 gap= 67 rms=0.78
 Locality: Mány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PBUD | 26.2 | 108 | Sg | 8:06:12.50 | 0.62 |
| PKSG | 27.3 | 234 | Sg | 8:06:12.97 | 0.74 |
| CSKK | 37.2 | 239 | Pg | 8:06:10.88 | 0.68 |
| | | | Sg | 06:15.94 | 0.55 |
| PENC | 53.1 | 58 | Sg | 8:06:20.62 | 0.17 |
| PKST | 57.8 | 238 | Pg | 8:06:14.04 | 0.15 |
| | | | Sg | 06:21.92 | -0.03 |
| PKB1 | 84.1 | 174 | Sg | 8:06:29.64 | -0.66 |
| MPLH | 95.5 | 245 | Pg | 8:06:20.92 | 0.31 |
| | | | Sg | 06:33.32 | -0.59 |
| PSZ | 100.4 | 65 | Sg | 8:06:35.04 | -0.42 |
| EGYH | 102.6 | 263 | Sg | 8:06:36.05 | -0.13 |
| PKB5 | 104.8 | 178 | Pg | 8:06:23.23 | 0.95 |
| | | | Sg | 06:35.81 | -1.08 |
| VYHS | 107.0 | 6 | Pg | 8:06:23.72 | 1.05 |
| | | | Sg | 06:36.81 | -0.76 |
| PKB4 | 115.9 | 183 | Sg | 8:06:39.25 | -1.14 |
| BSZH | 122.5 | 102 | Sg | 8:06:40.02 | -2.48 |
| MODS | 140.2 | 312 | Sn | 8:06:45.60 | -1.59 |
| MORH | 146.9 | 181 | Sn | 8:06:48.15 | -0.54 |
| PKSM | 147.4 | 181 | Sn | 8:06:48.03 | -0.76 |

1856.

2021-12-10 time: 8:19:27.05 UTC ML= 1.7
 lat: 46.942N lon: 22.717E h= 0.0 km
 erh= 2.9km erz= 1.9km
 nr= 7 gap=311 rms=0.26
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 16.7 | 182 | Pg | 8:19:29.91 | -0.12 |
| | | | Sg | 19:32.72 | 0.36 |
| SIRR | 110.4 | 227 | Pg | 8:19:46.98 | 0.22 |
| | | | Sg | 20:01.84 | -0.30 |
| BZS | 170.0 | 210 | Sn | 8:20:17.20 | -0.10 |
| GZR | 172.2 | 178 | Pn | 8:19:55.51 | -0.04 |
| | | | Sn | 20:16.20 | -1.59 |

1857.

2021-12-10 time: 8:52:54.21 UTC ML= 1.2
 lat: 45.811N lon: 18.465E h= 0.0 km
 erh= 0.4km erz=58.9km
 nr= 8 gap=280 rms=0.04
 Locality: Lapáncsa
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 18.7 | 297 | Pg | 8:52:57.53 | -0.01 |
| | | | Sg | 53:00.15 | 0.01 |
| KOVH | 41.9 | 317 | Pg | 8:53:01.67 | -0.02 |
| | | | Sg | 53:07.49 | -0.03 |
| PKSM | 46.6 | 17 | Pg | 8:53:02.58 | 0.05 |
| | | | Sg | 53:09.10 | 0.08 |
| MORH | 47.1 | 17 | Pg | 8:53:02.61 | -0.01 |
| | | | Sg | 53:09.08 | -0.09 |

1858.

2021-12-10 time: 9:04:07.49 UTC ML= 1.6
 lat: 48.719N lon: 18.427E h= 0.0 km
 erh= 3.1km erz= 3.2km
 nr= 9 gap=129 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 39.2 | 130 | Pg | 9:04:15.46 | 0.98 |
| | | | Sg | 04:19.68 | -0.26 |
| MODS | 93.2 | 246 | Pg | 9:04:25.00 | 0.87 |
| | | | Sg | 04:36.55 | -0.57 |
| PENC | 121.2 | 148 | Sg | 9:04:45.41 | -0.60 |
| MORC | 134.1 | 331 | Pn | 9:04:31.56 | 0.32 |
| | | | Sn | 04:48.60 | -1.17 |
| PSZ | 140.6 | 129 | Sn | 9:04:50.33 | -0.88 |
| KECS | 154.1 | 100 | Sn | 9:04:53.35 | -0.85 |

1859.

2021-12-10 time: 9:16:20.06 UTC ML= 2.1
 lat: 46.922N lon: 22.299E h= 0.0 km
 erh= 4.9km erz= 3.4km
 nr= 10 gap=261 rms=0.65
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 34.6 | 115 | Pg | 9:16:26.32 | 0.07 |
| | | | Sg | 16:30.49 | -0.58 |
| SIRR | 87.7 | 214 | Pg | 9:16:35.96 | 0.24 |
| | | | Sg | 16:47.61 | -0.33 |
| DEV | 124.5 | 158 | Pg | 9:16:42.02 | -0.27 |
| | | | Sg | 16:59.79 | 0.16 |
| BZS | 154.3 | 200 | Pn | 9:16:45.53 | -0.81 |

Hypocenter Parameters

GZR 173.9 168 Sn 17:06.42 -0.41
 Pn 9:16:50.67 1.89
 Sn 17:12.35 1.18

1860.

2021-12-10 time: 9:26:58.13 UTC ML= 1.4
 lat: 47.832N lon: 19.154E h= 0.0 km
 erh= 2.5km erz= 838km
 nr= 10 gap=117 rms=0.67
 Locality: Ósagárd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 10.6 | 116 | Pg | 9:26:59.79 | -0.24 |
| | | | Sg | 27:01.60 | 0.10 |
| PSZ | 56.2 | 80 | Pg | 9:27:08.93 | 0.76 |
| | | | Sg | 27:16.66 | 0.67 |
| VYHS | 77.3 | 342 | Pg | 9:27:12.60 | 0.66 |
| | | | Sg | 27:21.28 | -1.43 |
| PKST | 105.7 | 233 | Pg | 9:27:17.37 | 0.36 |
| | | | Sg | 27:31.23 | -0.50 |
| KECS | 122.7 | 54 | Pg | 9:27:19.48 | -0.56 |
| | | | Sg | 27:35.94 | -1.19 |

1861.

2021-12-10 time: 10:14:16.24 UTC ML= 1.5
 lat: 48.597N lon: 20.734E h= 0.0 km
 erh= 1.8km erz= 3.9km
 nr= 15 gap= 88 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 22.3 | 235 | Pg | 10:14:20.71 | 0.49 |
| | | | Sg | 14:23.42 | 0.10 |
| ABAH | 50.2 | 132 | Pg | 10:14:26.08 | 0.88 |
| | | | Sg | 14:31.96 | -0.24 |
| NIE | 96.4 | 341 | Pg | 10:14:34.42 | 0.96 |
| | | | Sg | 14:46.72 | -0.17 |
| PSZ | 97.9 | 220 | Pg | 10:14:33.56 | -0.16 |
| | | | Sg | 14:46.07 | -1.28 |
| STHS | 98.5 | 22 | Pg | 10:14:33.82 | 0.00 |
| | | | Sg | 14:47.17 | -0.37 |
| LANS | 111.4 | 304 | Pg | 10:14:36.23 | 0.10 |
| | | | Sg | 14:50.33 | -1.32 |
| KOLS | 119.2 | 72 | Sg | 10:14:52.59 | -1.53 |
| VYHS | 140.6 | 265 | Pn | 10:14:41.00 | 0.20 |
| | | | Sn | 14:58.87 | -1.09 |

1862.

2021-12-10 time: 11:00:34.19 UTC ML= 1.7
 lat: 48.142N lon: 16.906E h= 0.0 km
 erh= 2.4km erz= 3.0km
 nr= 13 gap=148 rms=0.56
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 37.7 | 47 | Pg | 11:00:40.87 | -0.06 |
| | | | Sg | 00:46.03 | -0.15 |
| SMOL | 56.7 | 43 | Pg | 11:00:45.07 | 0.76 |
| | | | Sg | 00:51.90 | -0.30 |
| RONA | 67.1 | 223 | Pg | 11:00:46.29 | 0.12 |
| | | | Sg | 00:54.82 | -0.69 |
| CONA | 81.4 | 253 | Pg | 11:00:49.35 | 0.62 |
| | | | Sg | 00:59.08 | -0.99 |
| KRUC | 109.0 | 340 | Pg | 11:00:53.76 | 0.11 |
| | | | Sg | 01:07.82 | -1.01 |
| ARSA | 143.5 | 226 | Pn | 11:00:59.53 | 0.41 |
| | | | Sn | 01:18.31 | -0.26 |
| VYHS | 148.4 | 75 | Sn | 11:01:18.01 | -1.64 |

Földrengés paraméterek

1863.

2021-12-10 time: 11:54:17.72 UTC ML= 1.5
 lat: 47.914N lon: 20.144E h= 0.0 km
 erh= 6.3km erz= ***km
 nr= 7 gap=209 rms=0.74
 Locality: Recsk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 18.6 | 272 | Pg | 11:54:21.30 | 0.25 |
| | | | Sg | 54:23.91 | 0.26 |
| KECS | 68.2 | 22 | Sg | 11:54:40.38 | 0.97 |
| ABAH | 92.0 | 62 | Pg | 11:54:34.05 | -0.10 |
| | | | Sg | 54:45.90 | -1.07 |
| VYHS | 116.7 | 304 | Pg | 11:54:38.87 | 0.31 |
| | | | Sg | 54:52.23 | -2.58 |

1864.

2021-12-10 time: 13:09:56.79 UTC ML= 1.7
 lat: 45.524N lon: 17.298E h= 8.3 km
 erh= 6.6km erz= 2.1km
 nr= 9 gap=219 rms=0.44
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 84.6 | 61 | Pg | 13:10:12.55 | 0.58 |
| | | | Sg | 10:24.15 | 0.33 |
| BLY | 86.6 | 186 | Pg | 13:10:12.19 | -0.13 |
| KOVH | 88.4 | 45 | Pg | 13:10:12.09 | -0.56 |
| | | | Sg | 10:24.40 | -0.62 |
| PKSM | 129.3 | 54 | Pn | 13:10:19.42 | 0.53 |
| | | | Sn | 10:35.64 | -0.49 |
| MORH | 129.8 | 54 | Pn | 13:10:19.07 | 0.13 |
| | | | Sn | 10:35.99 | -0.24 |

1865.

2021-12-10 time: 13:25:04.59 UTC ML= 1.2
 lat: 48.088N lon: 19.603E h= 5.0 km
 erh= 0.9km erz= 6.1km
 nr= 5 gap=200 rms=0.26
 Locality: Magyarég
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 28.7 | 131 | Pg | 13:25:10.16 | 0.36 |
| | | | Sg | 25:13.74 | -0.12 |
| PENC | 40.8 | 216 | Pg | 13:25:12.03 | 0.10 |
| | | | Sg | 25:17.20 | -0.46 |
| KECS | 78.9 | 56 | Pg | 13:25:18.54 | -0.17 |

1866.

2021-12-10 time: 14:47:33.55 UTC ML= 2.0
 lat: 48.414N lon: 17.256E h= 2.5 km
 erh= 1.4km erz= 1.7km
 nr= 19 gap= 70 rms=0.61
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 4.8 | 161 | PgU | 14:47:34.56 | 0.05 |
| | | | Sg | 47:36.32 | 1.06 |
| SMOL | 16.9 | 49 | Pg | 14:47:36.32 | -0.28 |
| | | | Sg | 47:39.63 | 0.65 |
| WINA | 94.2 | 249 | Sg | 14:48:03.27 | -0.24 |
| KRUC | 95.9 | 319 | Pg | 14:47:50.18 | -0.50 |
| | | | Sg | 48:04.04 | 0.00 |
| RONA | 106.9 | 222 | Pg | 14:47:52.69 | 0.04 |
| | | | Sg | 48:07.15 | -0.39 |
| CONA | 116.9 | 242 | Pg | 14:47:54.66 | 0.22 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 48:09.66 | -1.07 | |
| VYHS | 117.2 | 86 | Pg | 14:47:54.50 | 0.01 |
| | | Sg | 48:09.46 | -1.36 | |
| MPLH | 140.0 | 171 | Sn | 14:48:16.40 | -0.17 |
| PKST | 141.1 | 156 | Sn | 14:48:16.10 | -0.72 |
| MORC | 153.0 | 8 | Pn | 14:48:00.14 | 0.80 |
| | | Sn | 48:19.52 | 0.06 | |
| ARSA | 183.2 | 225 | Pn | 14:48:05.31 | 2.19 |
| | | Sn | 48:27.55 | 1.37 | |

1867.

2021-12-11 time: 11:15:20.77 UTC ML= 1.6
 lat: 46.102N lon: 21.786E h= 0.0 km
 erh= 3.2km erz= 929km
 nr= 8 gap=138 rms=0.67
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 20.8 | 332 | Pg | 11:15:24.45 | -0.03 |
| | | | Sg | 15:27.15 | -0.23 |
| BZS | 55.6 | 194 | Pg | 11:15:30.87 | 0.18 |
| | | | Sg | 15:37.70 | -0.73 |
| DRGR | 104.5 | 43 | Pg | 11:15:40.71 | 1.27 |
| | | | Sg | 15:52.97 | -1.02 |
| GZR | 110.2 | 136 | Pg | 11:15:40.61 | 0.15 |
| | | | Sg | 15:54.87 | -0.94 |

1868.

2021-12-11 time: 11:30:25.66 UTC ML= 2.1
 lat: 46.111N lon: 21.693E h= 0.0 km
 erh= 1.9km erz= 3.8km
 nr= 12 gap= 81 rms=0.61
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 17.6 | 352 | Pg | 11:30:29.00 | 0.19 |
| | | | Sg | 30:31.41 | 0.15 |
| BZS | 55.2 | 186 | PgU | 11:30:35.33 | -0.18 |
| | | | Sg | 30:41.85 | -1.35 |
| AMBH | 79.2 | 290 | Sg | 11:30:50.59 | -0.25 |
| BANR | 91.8 | 208 | Sg | 11:30:55.41 | 0.57 |
| DRGR | 108.9 | 46 | Pg | 11:30:44.87 | -0.23 |
| | | | Sg | 30:58.22 | -2.04 |
| GZR | 116.0 | 133 | Pg | 11:30:47.07 | 0.69 |
| | | | Sg | 31:01.94 | -0.60 |
| CJR | 161.1 | 65 | Pn | 11:30:53.50 | 0.72 |
| | | | Sn | 31:14.19 | 0.26 |

1869.

2021-12-11 time: 13:20:05.70 UTC ML= 1.8
 lat: 46.199N lon: 17.362E h= 1.9 km
 erh= 3.8km erz= 3.2km
 nr= 11 gap=186 rms=0.51
 Locality: Kivadár
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOVH | 58.3 | 102 | Pg | 13:20:16.70 | 0.57 |
| | | | Sg | 20:24.18 | -0.08 |
| PKS9 | 82.7 | 59 | Pg | 13:20:21.22 | 0.75 |
| | | | Sg | 20:31.74 | -0.25 |
| KOGS | 90.0 | 288 | Sg | 13:20:33.64 | -0.67 |
| PKSM | 98.8 | 89 | Pg | 13:20:23.29 | -0.05 |
| | | | Sg | 20:36.18 | -0.92 |
| MORH | 99.0 | 89 | Pg | 13:20:23.30 | -0.08 |
| | | | Sg | 20:36.37 | -0.80 |
| PKB1 | 127.6 | 59 | Pn | 13:20:28.79 | 0.38 |
| | | | Sn | 20:45.64 | -0.47 |

Hypocenter Parameters

1870.

2021-12-13 time: 8:39:08.64 UTC ML= 1.2
 lat: 47.057N lon: 18.063E h= 0.0 km
 erh= 1.9km erz= 5.2km
 nr= 10 gap=133 rms=0.62
 Locality: Balatonfűzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 22.5 | 354 | Pg | 8:39:12.20 | -0.46 |
| | | | Sg | 39:15.41 | -0.38 |
| CSKK | 37.1 | 24 | Pg | 8:39:16.21 | 0.94 |
| | | | Sg | 39:19.98 | -0.46 |
| MPLH | 41.7 | 287 | Pg | 8:39:16.56 | 0.48 |
| | | | Sg | 39:21.69 | -0.19 |
| PKSG | 44.7 | 34 | Sg | 8:39:22.09 | -0.75 |
| MORH | 103.6 | 155 | Sg | 8:39:41.21 | -0.36 |
| PKSM | 103.9 | 155 | Sg | 8:39:41.31 | -0.36 |
| PSZ | 168.0 | 55 | Sn | 8:39:59.89 | 1.45 |

1871.

2021-12-13 time: 9:38:50.09 UTC ML= 1.6
 lat: 46.931N lon: 22.731E h= 0.0 km
 erh= 7.8km erz= 6.0km
 nr= 5 gap=311 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DRGR | 15.6 | 185 | Pg | 9:38:52.79 | -0.08 |
| | | | Sg | 38:55.40 | 0.36 |
| SIRR | 110.3 | 228 | Sg | 9:39:24.92 | -0.25 |
| GZR | 171.0 | 179 | Pn | 9:39:18.80 | 0.36 |
| | | | Sn | 39:39.28 | -1.28 |

1872.

2021-12-13 time: 10:21:59.67 UTC ML= 1.8
 lat: 48.547N lon: 20.727E h= 0.0 km
 erh= 3.3km erz= 6.2km
 nr= 13 gap= 95 rms=1.19
 Locality: Bódvaszilás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 19.2 | 248 | Sg | 10:22:06.65 | 0.88 |
| ABAH | 47.1 | 126 | Pg | 10:22:08.29 | 0.21 |
| | | | Sg | 22:14.02 | -0.61 |
| PSZ | 93.3 | 222 | Pg | 10:22:16.12 | -0.22 |
| | | | Sg | 22:30.38 | 1.05 |
| NIE | 101.6 | 343 | Pg | 10:22:19.12 | 1.30 |
| | | | Sg | 22:30.67 | -1.30 |
| LANS | 114.2 | 306 | Pg | 10:22:19.24 | -0.83 |
| | | | Sg | 22:35.04 | -0.95 |
| KOLS | 121.6 | 69 | Pg | 10:22:24.06 | 2.68 |
| | | | Sg | 22:36.95 | -1.36 |
| VYHS | 139.8 | 268 | Pn | 10:22:23.76 | -0.38 |
| | | | Sn | 22:41.23 | -1.99 |

1873.

2021-12-13 time: 11:22:53.49 UTC ML= 1.4
 lat: 45.521N lon: 17.701E h= 0.0 km
 erh= 4.8km erz= 2.5km
 nr= 9 gap=340 rms=0.32
 Locality: Croatia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 59.3 | 46 | Pg | 11:23:04.36 | 0.28 |
| | | | Sg | 23:12.98 | 0.64 |
| KOVH | 70.3 | 26 | Pg | 11:23:06.00 | -0.04 |

Hypocenter Parameters

Földrengés paraméterek

PKSM 106.0 44 Sg 23:15.84 0.00
Pg 11:23:12.27 -0.15
Sg 23:27.11 -0.07
MORH 106.5 43 Pg 11:23:12.27 -0.23
Sg 23:26.28 -1.05
PKB5 143.8 34 Sn 11:23:38.23 0.31

1874.

2021-12-13 time: 11:53:16.73 UTC ML= 1.5
lat: 48.360N lon: 19.813E h= 0.0 km
erh= 1.4km erz= 539km
nr= 8 gap= 98 rms=0.38
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 49.5 | 173 | Pg | 11:53:26.20 | 0.63 |
| | | | Sg | 53:32.03 | -0.44 |
| KECS | 51.6 | 75 | Pg | 11:53:25.80 | -0.15 |
| | | | Sg | 53:32.94 | -0.21 |
| VYHS | 73.8 | 282 | Sg | 11:53:39.96 | -0.22 |
| LANS | 91.5 | 344 | Sg | 11:53:46.30 | 0.50 |
| A338 | 115.2 | 251 | Sg | 11:53:53.03 | -0.31 |
| NIE | 123.3 | 17 | Sg | 11:53:55.74 | -0.18 |

1875.

2021-12-13 time: 12:10:55.65 UTC ML= 1.0
lat: 47.576N lon: 18.522E h= 0.0 km
erh= 2.1km erz= 1.8km
nr= 10 gap=191 rms=0.30
Locality: Tarján
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 22.8 | 206 | Pg | 12:10:59.88 | 0.16 |
| | | | Sg | 11:03.27 | 0.38 |
| CSKK | 30.8 | 220 | Pg | 12:11:01.41 | 0.25 |
| | | | Sg | 11:05.17 | -0.28 |
| A338 | 50.4 | 345 | Pg | 12:11:04.52 | -0.13 |
| | | | Sg | 11:11.80 | 0.13 |
| PKST | 51.0 | 226 | Pg | 12:11:04.95 | 0.20 |
| | | | Sg | 11:11.33 | -0.53 |
| MORH | 151.5 | 176 | Sn | 12:11:41.20 | -0.60 |
| PKSM | 152.0 | 177 | Sn | 12:11:41.40 | -0.50 |

1876.

2021-12-13 time: 12:34:00.30 UTC ML= 0.9
lat: 47.593N lon: 18.402E h= 0.0 km
erh= 2.4km erz= 312km
nr= 6 gap=164 rms=0.18
Locality: Tatabánya
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 22.4 | 182 | Pg | 12:34:04.41 | 0.12 |
| | | | Sg | 34:07.25 | -0.16 |
| CSKK | 27.7 | 203 | Pg | 12:34:05.43 | 0.19 |
| | | | Sg | 34:08.73 | -0.37 |
| PKST | 46.4 | 217 | Sg | 12:34:15.02 | -0.01 |
| VYHS | 105.3 | 18 | Sg | 12:34:33.63 | -0.13 |

1877.

2021-12-13 time: 14:00:29.78 UTC ML= 1.7
lat: 47.234N lon: 16.360E h= 0.0 km
erh= 1.5km erz= 3.7km
nr= 16 gap= 65 rms=0.74
Locality: Austria
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 52.0 | 355 | Pg | 14:00:39.53 | 0.47 |
| | | | Sg | 00:46.60 | 0.30 |
| ARSA | 63.4 | 272 | Sg | 14:00:49.27 | -0.67 |
| EGYH | 76.2 | 75 | Sg | 14:00:53.99 | -0.01 |
| CONA | 85.8 | 334 | Pg | 14:00:46.66 | 1.56 |
| | | | Sg | 00:56.20 | -0.85 |
| KOGS | 87.8 | 185 | Pg | 14:00:46.15 | 0.69 |
| | | | Sg | 00:57.35 | -0.34 |
| MPLH | 89.6 | 95 | Sg | 14:00:58.11 | -0.16 |
| BEHE | 90.7 | 160 | Sg | 14:00:58.51 | -0.09 |
| SOKA | 118.5 | 239 | Pg | 14:00:50.92 | -0.02 |
| | | | Sg | 01:06.34 | -1.10 |
| PKST | 126.8 | 89 | Pg | 14:00:52.58 | 0.16 |
| | | | Sg | 01:08.95 | -1.12 |
| MODS | 144.1 | 28 | Sn | 14:01:12.91 | -1.37 |
| KRUC | 203.2 | 1 | Sn | 14:01:26.48 | -0.93 |

1878.

2021-12-14 time: 7:23:04.37 UTC ML= 1.3
lat: 47.294N lon: 18.333E h= 0.0 km
erh= 1.3km erz= 2.1km
nr= 14 gap=109 rms=0.52
Locality: Magyaralmás
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 9.5 | 324 | Pg | 7:23:06.40 | 0.33 |
| | | | Sg | 23:06.90 | -0.49 |
| PKSG | 11.7 | 22 | Pg | 7:23:06.75 | 0.28 |
| | | | Sg | 23:08.25 | 0.15 |
| PKST | 23.0 | 260 | Pg | 7:23:08.73 | 0.26 |
| | | | Sg | 23:12.07 | 0.40 |
| MPLH | 61.7 | 257 | Sg | 7:23:23.22 | -0.76 |
| MORH | 122.1 | 169 | Pg | 7:23:26.58 | 0.40 |
| | | | Sg | 23:42.40 | -0.80 |
| PKSM | 122.5 | 169 | Pg | 7:23:26.78 | 0.53 |
| | | | Sg | 23:42.50 | -0.82 |
| KOVH | 135.2 | 188 | Sn | 7:23:46.14 | -0.75 |
| PSZ | 136.4 | 59 | Sn | 7:23:46.79 | -0.37 |
| VYHS | 138.7 | 16 | Sn | 7:23:45.94 | -1.72 |

1879.

2021-12-14 time: 7:27:57.90 UTC ML= 1.7
lat: 46.030N lon: 22.789E h= 0.0 km
erh= 2.2km erz= 697km
nr= 9 gap=155 rms=0.52
Locality: Romania
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 18.5 | 151 | Pg | 7:28:00.90 | -0.31 |
| | | | Sg | 28:04.19 | 0.40 |
| GZR | 70.7 | 181 | Pg | 7:28:10.67 | 0.14 |
| | | | Sg | 28:19.61 | -0.78 |
| DRGR | 84.9 | 356 | Pg | 7:28:13.58 | 0.51 |
| | | | Sg | 28:23.99 | -0.90 |
| SIRR | 91.2 | 287 | Sg | 7:28:27.21 | 0.33 |
| BZS | 102.0 | 243 | Pg | 7:28:16.60 | 0.48 |
| | | | Sg | 28:29.42 | -0.91 |

1880.

2021-12-14 time: 9:49:54.78 UTC ML= 2.0
lat: 45.644N lon: 17.313E h= 0.0 km
erh= 1.7km erz= 3.7km
nr= 18 gap=116 rms=0.63
Locality: Croatia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| PKSV | 77.9 | 70 | Pg | 9:50:09.03 | 0.33 |
| | | | Sg | 50:19.56 | 0.01 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----|------------|-------|
| KOVH | 78.5 | 51 | Pg | 9:50:09.53 | 0.72 |
| | | | Sg | 50:19.68 | -0.07 |
| BLY | 100.0 | 186 | Pg | 9:50:13.08 | 0.44 |
| | | | Sg | 50:25.60 | -0.98 |
| BEHE | 100.8 | 336 | Pg | 9:50:13.29 | 0.51 |
| | | | Sg | 50:27.09 | 0.27 |
| PTJ | 109.2 | 285 | Pg | 9:50:14.29 | 0.02 |
| | | | Sg | 50:27.94 | -1.54 |
| PKSM | 120.8 | 59 | Pg | 9:50:16.49 | 0.13 |
| | | | Sg | 50:32.03 | -1.15 |
| MORH | 121.2 | 58 | Pg | 9:50:16.46 | 0.03 |
| | | | Sg | 50:31.83 | -1.49 |
| KOGS | 121.5 | 317 | Pg | 9:50:16.49 | 0.02 |
| | | | Sg | 50:31.73 | -1.66 |
| CRES | 145.9 | 278 | Pn | 9:50:20.53 | 0.53 |
| | | | Sn | 50:38.91 | -0.77 |

1881.

2021-12-14 time: 10:16:16.87 UTC ML= 1.6
 lat: 48.630N lon: 21.485E h= 0.0 km
 erh= 1.6km erz= 2.2km
 nr= 12 gap= 71 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 41.3 | 206 | Pg | 10:16:25.12 | 0.86 |
| | | | Sg | 16:29.77 | -0.24 |
| KOLS | 67.0 | 60 | Pg | 10:16:29.24 | 0.39 |
| | | | Sg | 16:38.08 | -0.11 |
| KECS | 75.5 | 258 | Sg | 10:16:39.18 | -1.70 |
| | | | Sg | 10:16:45.11 | -0.13 |
| TRPA | 95.9 | 125 | Pg | 10:16:34.36 | 0.37 |
| | | | Sg | 16:46.51 | -0.84 |
| NIE | 122.6 | 316 | Pg | 10:16:38.78 | 0.01 |
| | | | Sn | 10:17:00.57 | -0.32 |
| PSZ | 142.1 | 236 | Sn | 10:17:00.30 | -0.64 |
| | | | Sn | 10:17:04.49 | -0.16 |

1882.

2021-12-14 time: 10:22:44.86 UTC ML= 1.8
 lat: 46.018N lon: 22.831E h= 0.0 km
 erh= 3.1km erz= 6.5km
 nr= 12 gap=117 rms=0.84
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 16.0 | 160 | Pg | 10:22:47.34 | -0.38 |
| | | | Sg | 22:50.66 | 0.71 |
| GZR | 69.6 | 184 | Pg | 10:22:56.98 | -0.31 |
| | | | Sg | 23:06.02 | -0.96 |
| DRGR | 86.5 | 354 | Pg | 10:23:01.60 | 1.29 |
| | | | Sg | 23:10.84 | -1.51 |
| SIRR | 94.7 | 287 | Pg | 10:23:02.81 | 1.04 |
| | | | Sg | 23:13.95 | -1.01 |
| BZS | 104.4 | 245 | Pg | 10:23:03.61 | 0.10 |
| | | | Sg | 23:17.37 | -0.68 |
| VOIR | 184.4 | 111 | Pn | 10:23:15.38 | 0.49 |
| | | | Sn | 23:37.17 | -1.13 |

1883.

2021-12-14 time: 10:34:18.70 UTC ML= 0.9
 lat: 47.179N lon: 18.285E h= 0.0 km
 erh= 1.8km erz= 3.6km
 nr= 9 gap=110 rms=0.46
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 20.5 | 355 | Sg | 10:34:24.76 | -0.46 |
| PKST | 20.9 | 295 | Pg | 10:34:22.86 | 0.42 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| PKSG | 24.9 | 19 | Sg | 34:24.87 | -0.48 |
| | | | Pg | 10:34:23.56 | 0.41 |
| MORH | 110.6 | 166 | Sg | 34:26.47 | -0.16 |
| | | | Sg | 10:34:53.38 | -0.47 |
| PKSM | 111.0 | 166 | Sg | 10:34:54.69 | 0.72 |
| | | | Sg | 10:34:57.10 | -0.41 |
| PSZ | 146.4 | 56 | Sn | 10:35:03.17 | -0.54 |

1884.

2021-12-14 time: 10:37:09.25 UTC ML= 1.9
 lat: 46.033N lon: 22.860E h= 0.0 km
 erh= 3.3km erz= 6.4km
 nr= 12 gap=119 rms=0.77
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| DEV | 17.0 | 169 | Pg | 10:37:12.19 | -0.09 |
| | | | Sg | 37:15.60 | 0.95 |
| GZR | 71.4 | 185 | Pg | 10:37:21.83 | -0.17 |
| | | | Sg | 37:31.27 | -0.68 |
| DRGR | 85.1 | 352 | Pg | 10:37:24.71 | 0.27 |
| | | | Sg | 37:34.96 | -1.33 |
| SIRR | 96.3 | 286 | Pg | 10:37:27.45 | 1.01 |
| | | | Sg | 37:39.50 | -0.36 |
| BZS | 107.1 | 244 | Pg | 10:37:28.33 | -0.05 |
| | | | Sg | 37:40.51 | -2.79 |
| VOIR | 182.9 | 111 | Pn | 10:37:39.98 | 0.90 |
| | | | Sn | 38:01.06 | -1.29 |

1885.

2021-12-14 time: 10:38:12.97 UTC ML= 1.7
 lat: 48.193N lon: 19.782E h= 0.0 km
 erh= 2.8km erz= 3.8km
 nr= 10 gap= 81 rms=0.73
 Locality: Somoskő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 31.7 | 165 | Pg | 10:38:19.09 | 0.47 |
| | | | Sg | 38:22.51 | -0.52 |
| KECS | 61.3 | 58 | Pg | 10:38:25.02 | 1.10 |
| | | | Sg | 38:32.25 | -0.21 |
| VYHS | 77.7 | 296 | Sg | 10:38:37.49 | -0.19 |
| | | | Pg | 10:38:32.75 | 0.35 |
| ABAH | 108.8 | 84 | Sg | 38:45.73 | -1.83 |
| | | | Pn | 10:38:36.79 | -0.89 |
| NIE | 141.8 | 16 | Sn | 38:57.07 | 0.11 |
| | | | Sn | 10:38:57.58 | -0.47 |

1886.

2021-12-14 time: 11:00:21.32 UTC ML= 1.7
 lat: 48.130N lon: 16.895E h= 0.0 km
 erh= 3.0km erz= 4.1km
 nr= 10 gap=149 rms=0.55
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MODS | 39.3 | 46 | Pg | 11:00:28.43 | 0.10 |
| | | | Sg | 00:33.07 | -0.73 |
| SMOL | 58.2 | 43 | Sg | 11:00:39.88 | 0.06 |
| | | | Sg | 11:00:41.83 | -0.31 |
| RONA | 65.5 | 223 | Pg | 11:00:36.05 | 0.40 |
| | | | Sg | 00:46.04 | -0.80 |
| KRUC | 110.0 | 340 | Pg | 11:00:41.44 | 0.47 |
| | | | Sg | 00:55.35 | -0.94 |
| VYHS | 149.6 | 74 | Pn | 11:00:47.67 | 0.67 |
| | | | Sn | 01:06.30 | -0.73 |

Hypocenter Parameters

Földrengés paraméterek

1887.

2021-12-14 time: 11:32:36.74 UTC ML= 1.7
 lat: 48.879N lon: 21.243E h= 0.0 km
 erh= 4.1km erz= 5.3km
 nr= 10 gap=134 rms=1.08
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 64.9 | 180 | Pg | 11:32:50.35 | 2.03 |
| KECS | 71.1 | 232 | Pg | 11:32:49.74 | 0.31 |
| | | | Sg | 32:58.58 | -0.75 |
| KOLS | 75.8 | 85 | Pg | 11:32:50.75 | 0.48 |
| | | | Sg | 33:00.99 | 0.17 |
| NIE | 90.6 | 311 | Sg | 11:33:04.41 | -1.12 |
| TRPA | 126.9 | 131 | Pg | 11:32:59.69 | 0.28 |
| | | | Sg | 33:14.95 | -2.14 |
| LANS | 133.3 | 283 | Sn | 11:33:17.56 | -1.29 |
| PSZ | 146.3 | 223 | Sn | 11:33:20.77 | -0.95 |

1888.

2021-12-14 time: 12:45:47.73 UTC ML= 1.8
 lat: 47.083N lon: 19.407E h= 0.0 km
 erh= 4.2km erz= 769km
 nr= 9 gap=190 rms=0.57
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.1 | 258 | Pg | 12:45:51.00 | -0.14 |
| | | | Sg | 45:53.21 | -0.59 |
| PKB5 | 74.6 | 223 | Pg | 12:46:01.80 | 0.75 |
| | | | Sg | 46:12.14 | 0.70 |
| PENC | 79.3 | 353 | Pg | 12:46:02.50 | 0.62 |
| PSZ | 99.9 | 22 | Pg | 12:46:05.01 | -0.56 |
| MORH | 112.7 | 211 | Pg | 12:46:07.67 | -0.18 |
| PKSM | 113.2 | 211 | Pg | 12:46:07.82 | -0.12 |
| | | | Sg | 46:22.08 | -1.62 |

1889.

2021-12-14 time: 13:02:19.23 UTC ML= 1.8
 lat: 47.084N lon: 19.410E h= 0.0 km
 erh= 3.3km erz= 639km
 nr= 10 gap=190 rms=0.50
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 19.3 | 258 | Pg | 13:02:22.41 | -0.27 |
| | | | Sg | 02:25.32 | -0.05 |
| PKB5 | 74.8 | 223 | Pg | 13:02:33.50 | 0.92 |
| | | | Sg | 02:44.00 | 1.00 |
| PENC | 79.2 | 353 | Pg | 13:02:33.65 | 0.29 |
| PSZ | 99.7 | 21 | Pg | 13:02:36.76 | -0.28 |
| MORH | 112.9 | 211 | Pg | 13:02:39.28 | -0.10 |
| | | | Sg | 02:54.24 | -0.86 |
| PKSM | 113.4 | 211 | Pg | 13:02:39.23 | -0.24 |
| | | | Sg | 02:54.69 | -0.57 |

1890.

2021-12-14 time: 13:24:39.51 UTC ML= 1.7
 lat: 48.798N lon: 20.737E h= 0.0 km
 erh= 3.4km erz= 834km
 nr= 6 gap=170 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 39.6 | 208 | Pg | 13:24:47.41 | 0.83 |
| | | | Sg | 24:51.73 | -0.36 |

| | | | | | |
|------|-------|-----|----|-------------|-------|
| ABAH | 67.0 | 146 | Pg | 13:24:51.24 | -0.24 |
| | | | Sg | 25:00.87 | 0.06 |
| NIE | 75.7 | 336 | Sg | 13:25:03.28 | -0.29 |
| PSZ | 116.0 | 213 | Sg | 13:25:15.89 | -0.49 |

1891.

2021-12-15 time: 9:21:03.65 UTC ML= 1.4
 lat: 46.921N lon: 17.345E h= 0.0 km
 erh= 1.9km erz= 4.0km
 nr= 11 gap=150 rms=0.59
 Locality: Sümegprága
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 31.4 | 28 | Pg | 9:21:09.43 | 0.18 |
| | | | Sg | 21:13.23 | -0.39 |
| PKST | 64.4 | 54 | Pg | 9:21:16.03 | 0.88 |
| | | | Sg | 21:23.55 | -0.57 |
| CSKK | 85.1 | 55 | Sg | 9:21:29.51 | -1.18 |
| KOGS | 98.9 | 238 | Sg | 9:21:34.48 | -0.61 |
| KOVH | 109.2 | 148 | Sg | 9:21:38.53 | 0.17 |
| MORH | 126.8 | 128 | Sg | 9:21:43.96 | 0.02 |
| PKSM | 126.9 | 128 | Pg | 9:21:26.06 | -0.24 |
| | | | Sg | 21:43.96 | -0.01 |
| PKSV | 134.3 | 149 | Sn | 9:21:47.09 | 1.11 |

1892.

2021-12-15 time: 10:24:48.23 UTC ML= 1.4
 lat: 48.576N lon: 20.741E h= 0.0 km
 erh= 1.2km erz= 2.3km
 nr= 9 gap=126 rms=0.30
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 21.5 | 241 | Pg | 10:24:52.10 | 0.03 |
| | | | Sg | 24:55.52 | 0.45 |
| ABAH | 48.3 | 130 | Pg | 10:24:56.72 | -0.14 |
| | | | Sg | 25:03.55 | -0.03 |
| PSZ | 96.5 | 221 | Sg | 10:25:18.82 | -0.08 |
| LANS | 113.1 | 304 | Sg | 10:25:23.84 | -0.35 |
| KOLS | 119.4 | 71 | Pg | 10:25:10.08 | 0.52 |
| | | | Sg | 25:25.84 | -0.36 |
| VYHS | 141.0 | 266 | Sn | 10:25:31.67 | -0.37 |

1893.

2021-12-15 time: 10:33:04.49 UTC ML= 1.8
 lat: 48.289N lon: 19.816E h= 0.0 km
 erh= 2.1km erz= 4.6km
 nr= 9 gap= 82 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 41.6 | 172 | Pg | 10:33:12.00 | 0.07 |
| | | | Sg | 33:17.22 | -0.50 |
| KECS | 54.1 | 66 | Sg | 10:33:22.14 | 0.46 |
| PENC | 68.3 | 216 | Sg | 10:33:26.31 | 0.12 |
| VYHS | 76.1 | 287 | Sg | 10:33:28.43 | -0.24 |
| LANS | 99.2 | 345 | Sg | 10:33:35.55 | -0.46 |
| ABAH | 105.6 | 90 | Pg | 10:33:24.19 | 0.84 |
| | | | Sg | 33:36.04 | -2.02 |
| NIE | 130.8 | 16 | Sn | 10:33:45.78 | -0.27 |

Földrengés paraméterek

Hypocenter Parameters

1894.

 2021-12-15 time: 11:14:47.88 UTC ML= 1.8
 lat: 48.386N lon: 18.158E h= 0.0 km
 erh= 8.9km erz= 5.8km
 nr= 9 gap=192 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 51.6 | 77 | Pg | 11:14:57.13 | 0.04 |
| | | | Sg | 15:03.66 | -0.61 |
| SMOL | 55.8 | 285 | Pg | 11:14:58.54 | 0.70 |
| | | | Sg | 15:05.42 | -0.19 |
| MODS | 65.3 | 269 | Pg | 11:14:59.29 | -0.24 |
| | | | Sg | 15:07.93 | -0.69 |
| KRUC | 149.9 | 300 | Sn | 11:15:33.58 | -0.09 |
| MORC | 161.1 | 344 | Pn | 11:15:15.86 | 0.87 |
| | | | Sn | 15:34.54 | -1.60 |

1895.

 2021-12-15 time: 12:10:52.37 UTC ML= 1.5
 lat: 48.927N lon: 20.759E h= 0.0 km
 erh= 2.6km erz= 800km
 nr= 8 gap=120 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 53.3 | 202 | Pg | 12:11:02.51 | 0.62 |
| | | | Sg | 11:08.73 | -0.59 |
| NIE | 63.6 | 329 | Sg | 12:11:12.17 | -0.42 |
| STHS | 64.9 | 33 | Sg | 12:11:12.67 | -0.34 |
| ABAH | 78.6 | 153 | Pg | 12:11:06.72 | 0.31 |
| | | | Sg | 11:16.87 | -0.50 |
| LANS | 97.6 | 285 | Pg | 12:11:10.29 | 0.48 |
| PSZ | 129.1 | 210 | Sg | 12:11:32.16 | -1.26 |

1896.

 2021-12-15 time: 14:08:32.95 UTC ML= 1.3
 lat: 47.888N lon: 16.466E h= 0.0 km
 erh= 4.5km erz= 8.3km
 nr= 8 gap=163 rms=1.12
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| RONA | 24.5 | 211 | Pg | 14:08:37.31 | -0.01 |
| | | | Sg | 08:41.12 | 0.39 |
| CONA | 45.4 | 276 | Pg | 14:08:41.02 | -0.04 |
| | | | Sg | 08:48.05 | 0.66 |
| MODS | 81.0 | 48 | Pg | 14:08:48.96 | 1.55 |
| | | | Sg | 08:57.79 | -0.91 |
| ARSA | 100.3 | 225 | Sg | 14:09:03.62 | -1.21 |
| KRUC | 130.7 | 358 | Sn | 14:09:11.25 | -3.22 |

1897.

 2021-12-16 time: 7:34:16.37 UTC ML= 1.8
 lat: 48.705N lon: 20.256E h= 0.1 km
 erh= 2.4km erz= 994km
 nr= 14 gap= 80 rms=0.84
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 29.9 | 146 | Pg | 7:34:21.85 | 0.14 |
| | | | Sg | 34:25.25 | -0.63 |
| LANS | 76.1 | 311 | Pg | 7:34:30.69 | 0.73 |
| | | | Sg | 34:39.63 | -0.93 |
| NIE | 79.5 | 3 | Pg | 7:34:30.96 | 0.40 |
| | | | Sg | 34:40.65 | -0.99 |

| | | | | | |
|------|-------|-----|-----|------------|-------|
| ABAH | 85.7 | 122 | Pg | 7:34:32.01 | 0.33 |
| | | | Sg | 34:41.15 | -2.47 |
| PSZ | 91.5 | 197 | Pg | 7:34:33.07 | 0.36 |
| | | | Sg | 34:44.66 | -0.79 |
| STHS | 107.1 | 42 | ePg | 7:34:37.00 | 1.51 |
| | | | eSg | 34:47.70 | -2.71 |
| VYHS | 107.3 | 257 | Pg | 7:34:35.67 | 0.13 |
| | | | Sg | 34:49.41 | -1.08 |

1898.

 2021-12-16 time: 8:42:36.78 UTC ML= 1.2
 lat: 48.000N lon: 16.598E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 8 gap= 92 rms=0.81
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| RONA | 40.3 | 214 | Pg | 8:42:44.53 | 0.56 |
| | | | Sg | 42:49.40 | -0.17 |
| CONA | 55.5 | 262 | Pg | 8:42:46.79 | 0.10 |
| | | | Sg | 42:54.72 | 0.29 |
| MODS | 65.5 | 51 | Sg | 8:42:58.84 | 1.26 |
| ARSA | 116.0 | 224 | Sg | 8:43:13.30 | -0.35 |
| MPLH | 116.3 | 142 | Sg | 8:43:12.49 | -1.25 |
| KRUC | 119.1 | 353 | Sg | 8:43:12.54 | -2.08 |

1899.

 2021-12-16 time: 9:25:28.97 UTC ML= 1.9
 lat: 48.339N lon: 19.015E h= 0.0 km
 erh= 1.8km erz= 2.8km
 nr= 18 gap=119 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 21.7 | 322 | Pg | 9:25:33.28 | 0.43 |
| | | | Sg | 25:35.89 | 0.01 |
| PENC | 64.1 | 162 | Sg | 9:25:49.44 | 0.08 |
| SRO | 78.4 | 222 | Sg | 9:25:52.79 | -1.11 |
| PSZ | 80.5 | 126 | Pg | 9:25:44.22 | 0.88 |
| | | | Sg | 25:53.56 | -0.98 |
| KECS | 110.0 | 82 | Pg | 9:25:47.69 | -0.93 |
| PKSG | 115.2 | 204 | Pg | 9:25:49.70 | 0.15 |
| | | | Sg | 26:04.79 | -0.80 |
| SMOL | 119.0 | 279 | Sg | 9:26:05.59 | -1.21 |
| CSKK | 122.3 | 208 | Pg | 9:25:50.80 | -0.01 |
| | | | Sg | 26:06.17 | -1.68 |
| MODS | 128.9 | 272 | Pg | 9:25:52.34 | 0.36 |
| | | | Sg | 26:07.60 | -2.33 |
| PKST | 140.8 | 211 | Pn | 9:25:54.65 | 1.09 |
| | | | Sn | 26:14.03 | 1.29 |
| EGYH | 162.4 | 231 | Sn | 9:26:18.95 | 1.42 |
| MPLH | 170.7 | 220 | Sn | 9:26:20.96 | 1.59 |

1900.

 2021-12-16 time: 9:31:04.76 UTC ML= 1.6
 lat: 47.695N lon: 18.688E h= 0.0 km
 erh= 2.3km erz= 3.4km
 nr= 15 gap= 90 rms=0.90
 Locality: Tokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| SRO | 31.0 | 295 | Pg | 9:31:10.64 | 0.34 |
| | | | Sg | 31:13.95 | -0.67 |
| PKSG | 40.5 | 214 | Sg | 9:31:17.27 | -0.35 |
| CSKK | 49.0 | 221 | Pg | 9:31:14.35 | 0.85 |
| | | | Sg | 31:20.98 | 0.66 |
| PKST | 69.1 | 225 | Pg | 9:31:18.17 | 1.07 |
| | | | Sg | 31:26.30 | -0.43 |
| VYHS | 89.5 | 7 | Sg | 9:31:34.14 | 0.92 |

Hypocenter Parameters

PSZ 93.7 75 Sg 9:31:34.28 -0.27
 MPLH 104.5 236 Sg 9:31:37.85 -0.11
 EGYH 106.6 253 Sg 9:31:37.65 -1.01
 MODS 129.5 306 Sg 9:31:41.72 -4.19
 PKB3 146.5 165 Sn 9:31:49.10 -0.69
 MORH 164.5 181 Sn 9:31:52.11 -1.67
 PKSM 164.9 181 Sn 9:31:52.01 -1.87

1901.

2021-12-16 time: 10:31:06.94 UTC ML= 1.4
 lat: 48.570N lon: 20.771E h= 0.0 km
 erh= 2.6km erz= 450km
 nr= 5 gap=184 rms=0.20
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.2 | 245 | Pg | 10:31:11.31 | 0.23 |
| | | | Sg | 31:13.87 | -0.44 |
| ABAH | 46.1 | 131 | Pg | 10:31:15.28 | 0.10 |
| | | | Sg | 31:21.50 | -0.10 |
| KOLS | 117.6 | 70 | Pg | 10:31:27.83 | -0.11 |

1902.

2021-12-16 time: 12:32:19.93 UTC ML= 1.0
 lat: 47.850N lon: 16.045E h= 0.0 km
 erh= 3.0km erz= 7.8km
 nr= 7 gap= 92 rms=0.87
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 16.2 | 302 | Pg | 12:32:23.34 | 0.51 |
| | | | Sg | 32:25.30 | 0.22 |
| RONA | 25.2 | 132 | Pg | 12:32:25.00 | 0.56 |
| | | | Sg | 32:28.56 | 0.60 |
| ARSA | 77.4 | 210 | Sg | 12:32:43.39 | -1.15 |
| MODS | 108.7 | 58 | Sg | 12:32:53.68 | -0.80 |
| KRUC | 137.2 | 11 | Sn | 12:33:00.25 | -2.65 |

1903.

2021-12-16 time: 12:34:04.42 UTC ML= 0.9
 lat: 47.861N lon: 16.024E h= 0.0 km
 erh= 1.0km erz= 1.8km
 nr= 6 gap=120 rms=0.70
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 14.3 | 302 | Pg | 12:34:07.55 | 0.58 |
| | | | Sg | 34:09.11 | 0.15 |
| RONA | 27.2 | 131 | Pg | 12:34:09.51 | 0.24 |
| | | | Sg | 34:13.23 | 0.18 |
| ARSA | 77.6 | 209 | Sg | 12:34:28.34 | -0.75 |
| KRUC | 136.4 | 12 | Sn | 12:34:45.26 | -1.95 |

1904.

2021-12-16 time: 12:35:34.38 UTC ML= 1.3
 lat: 47.865N lon: 16.033E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 6 gap=122 rms=0.88
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 14.6 | 299 | Pg | 12:35:37.91 | 0.92 |
| | | | Sg | 35:39.66 | 0.64 |
| RONA | 27.0 | 133 | Sg | 12:35:43.13 | 0.17 |
| ARSA | 78.4 | 209 | Sg | 12:35:58.34 | -0.95 |
| KRUC | 135.7 | 11 | Pn | 12:35:58.24 | -0.10 |

Földrengés paraméterek

Sn 36:15.01 -2.02

1905.

2021-12-16 time: 14:58:39.49 UTC ML= 1.8
 lat: 47.066N lon: 19.426E h= 0.0 km
 erh= 3.8km erz= 749km
 nr= 10 gap=192 rms=0.59
 Locality: Tatárszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.3 | 264 | Pg | 14:58:43.00 | -0.11 |
| | | | Sg | 58:45.21 | -0.72 |
| PKB1 | 57.6 | 237 | Pg | 14:58:49.88 | 0.11 |
| PKB5 | 74.3 | 225 | Pg | 14:58:53.85 | 1.09 |
| PENC | 81.3 | 352 | Pg | 14:58:54.35 | 0.35 |
| PSZ | 101.1 | 20 | Pg | 14:58:57.11 | -0.43 |
| | | | Sg | 59:11.47 | -0.15 |
| MORH | 111.9 | 212 | Sg | 14:59:14.23 | -0.83 |
| PKSM | 112.4 | 212 | Pg | 14:58:59.97 | 0.41 |
| | | | Sg | 59:14.03 | -1.18 |

1906.

2021-12-16 time: 15:00:38.74 UTC ML= 1.9
 lat: 47.109N lon: 19.371E h= 0.0 km
 erh= 3.6km erz= 591km
 nr= 13 gap=186 rms=0.54
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 17.4 | 247 | Pg | 15:00:41.90 | 0.06 |
| | | | Sg | 00:44.61 | 0.34 |
| PKB1 | 57.0 | 231 | Pg | 15:00:48.63 | -0.28 |
| PKB5 | 75.0 | 220 | Pg | 15:00:52.85 | 0.73 |
| | | | Sg | 01:03.44 | 0.88 |
| PENC | 76.1 | 355 | Pg | 15:00:53.40 | 1.08 |
| PKB4 | 89.9 | 221 | Pg | 15:00:55.01 | 0.23 |
| PSZ | 98.2 | 24 | Pg | 15:00:56.16 | -0.11 |
| | | | Sg | 01:09.47 | -0.49 |
| PKS9 | 101.6 | 235 | Pg | 15:00:56.31 | -0.56 |
| MORH | 113.8 | 209 | Pg | 15:00:58.67 | -0.39 |
| PKSM | 114.3 | 209 | Pg | 15:00:58.67 | -0.48 |
| | | | Sg | 01:14.24 | -0.84 |

1907.

2021-12-16 time: 15:21:49.81 UTC ML= 1.8
 lat: 47.098N lon: 19.417E h= 0.0 km
 erh= 4.8km erz= 756km
 nr= 7 gap=190 rms=0.50
 Locality: Örkény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS7 | 20.2 | 254 | Pg | 15:21:53.91 | 0.49 |
| | | | Sg | 21:55.82 | -0.42 |
| PKB5 | 76.3 | 223 | Pg | 15:22:04.05 | 0.61 |
| PSZ | 98.0 | 22 | Pg | 15:22:07.21 | -0.11 |
| | | | Sg | 22:20.82 | -0.15 |
| PKSM | 115.0 | 211 | Pg | 15:22:10.02 | -0.33 |
| | | | Sg | 22:24.99 | -1.38 |

1908.

2021-12-16 time: 22:07:38.36 UTC ML= 1.4
 lat: 46.180N lon: 21.786E h= 8.7 km
 erh= 2.6km erz= 2.3km
 nr= 12 gap=123 rms=0.58
 Locality: Romania
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SIRR | 13.8 | 315 | Pg | 22:07:41.27 | 0.00 |
| | | | Sg | 07:42.85 | -0.69 |
| SURR | 54.1 | 151 | PgC | 22:07:48.29 | 0.15 |
| | | | Sg | 07:55.60 | -0.17 |
| BZS | 63.9 | 192 | Pg | 22:07:50.00 | 0.12 |
| | | | Sg | 07:56.35 | -2.51 |
| DRGR | 98.4 | 46 | Pg | 22:07:56.38 | 0.39 |
| | | | Sg | 08:09.22 | -0.53 |
| MARR | 116.4 | 62 | PnC | 22:07:58.66 | -0.13 |
| | | | Sn | 08:13.90 | -0.83 |
| GZR | 116.5 | 139 | Pn | 22:07:59.93 | 1.13 |
| | | | Sn | 08:14.41 | -0.34 |

1909.

2021-12-17 time: 7:36:59.33 UTC ML= 1.8
 lat: 48.646N lon: 18.526E h= 0.0 km
 erh= 2.3km erz= 2.6km
 nr= 17 gap= 81 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 28.5 | 127 | Pg | 7:37:05.12 | 0.71 |
| | | | Sg | 37:09.43 | 1.05 |
| A338 | 71.4 | 190 | Sg | 7:37:22.05 | 0.03 |
| LANS | 88.9 | 51 | Sg | 7:37:27.11 | -0.48 |
| MODS | 97.1 | 252 | Sg | 7:37:29.32 | -0.88 |
| PENC | 110.5 | 149 | Sg | 7:37:33.33 | -1.12 |
| PSZ | 129.9 | 129 | Pg | 7:37:23.05 | 0.53 |
| | | | Sg | 37:38.72 | -1.89 |
| PKSG | 139.9 | 184 | Sn | 7:37:42.94 | 0.05 |
| CSKK | 144.1 | 188 | Sn | 7:37:44.24 | 0.42 |
| MORC | 144.7 | 330 | Pn | 7:37:24.76 | 0.36 |
| | | | Sn | 37:43.14 | -0.82 |
| KECS | 145.8 | 97 | Pn | 7:37:23.86 | -0.68 |
| | | | Sn | 37:42.03 | -2.17 |
| NIE | 156.4 | 57 | Pn | 7:37:26.67 | 0.81 |
| | | | Sn | 37:47.05 | 0.50 |
| PKST | 158.6 | 193 | Sn | 7:37:47.66 | 0.61 |

1910.

2021-12-17 time: 9:03:54.61 UTC ML= 1.9
 lat: 48.546N lon: 18.570E h= 0.0 km
 erh= 7.4km erz= 4.7km
 nr= 6 gap=279 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 20.4 | 106 | Pg | 9:03:58.99 | 0.73 |
| | | | Sg | 04:00.80 | -0.31 |
| LANS | 94.2 | 44 | Pg | 9:04:11.64 | 0.21 |
| PSZ | 120.6 | 125 | Pg | 9:04:15.96 | -0.19 |
| KECS | 141.7 | 93 | Pn | 9:04:19.19 | -0.12 |
| | | | Sn | 04:36.05 | -2.53 |

1911.

2021-12-17 time: 9:28:29.95 UTC ML= 1.5
 lat: 47.864N lon: 19.123E h= 0.0 km
 erh= 1.8km erz= 640km
 nr= 10 gap=112 rms=0.51
 Locality: Szendehegy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 14.4 | 124 | Pg | 9:28:32.60 | 0.08 |
| | | | Sg | 28:36.52 | 1.99 |
| PSZ | 58.0 | 84 | Pg | 9:28:40.53 | 0.22 |
| | | | Sg | 28:48.27 | -0.12 |
| VYHS | 73.2 | 343 | Pg | 9:28:43.55 | 0.52 |
| | | | Sg | 28:53.29 | 0.06 |

| PKSG | 76.1 | 226 | Sg | 9:28:52.99 | -1.13 |
|------|-------|-----|----|------------|-------|
| PKST | 106.0 | 231 | Sg | 9:29:03.53 | -0.11 |
| KECS | 122.5 | 56 | Pg | 9:28:51.48 | -0.35 |
| | | | Sg | 29:08.45 | -0.44 |

1912.

2021-12-17 time: 9:47:55.33 UTC ML= 1.5
 lat: 48.600N lon: 20.744E h= 0.0 km
 erh= 2.5km erz= 4.5km
 nr= 14 gap= 87 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 23.1 | 236 | Pg | 9:47:59.86 | 0.41 |
| | | | Sg | 48:02.72 | 0.06 |
| ABAH | 49.9 | 133 | Pg | 9:48:04.73 | 0.50 |
| | | | Sg | 48:11.21 | 0.03 |
| NIE | 96.4 | 341 | Pg | 9:48:14.72 | 2.18 |
| | | | Sg | 48:25.47 | -0.50 |
| STHS | 97.9 | 22 | Sg | 9:48:25.62 | -0.84 |
| PSZ | 98.6 | 220 | Pg | 9:48:12.71 | -0.23 |
| | | | Sg | 48:26.32 | -0.35 |
| LANS | 111.9 | 303 | Sg | 9:48:28.93 | -1.96 |
| KOLS | 118.4 | 72 | Sg | 9:48:32.40 | -0.56 |
| VYHS | 141.4 | 265 | Sn | 9:48:38.42 | -0.80 |
| TRPA | 142.9 | 111 | Pn | 9:48:20.70 | 0.52 |
| | | | Sn | 48:37.02 | -2.55 |

1913.

2021-12-17 time: 10:37:28.05 UTC ML= 1.5
 lat: 46.134N lon: 18.023E h= 0.0 km
 erh= 1.1km erz= 197km
 nr= 10 gap=261 rms=0.15
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOVH | 7.8 | 130 | Pg | 10:37:29.58 | 0.14 |
| | | | Sg | 37:30.76 | 0.22 |
| PKSV | 32.6 | 147 | Pg | 10:37:33.72 | -0.14 |
| | | | Sg | 37:37.89 | -0.51 |
| PKSM | 48.6 | 80 | Pg | 10:37:36.76 | 0.04 |
| | | | Sg | 37:43.58 | 0.10 |
| MORH | 48.9 | 79 | Pg | 10:37:36.81 | 0.04 |
| | | | Sg | 37:43.32 | -0.26 |
| PKB4 | 60.2 | 48 | Pg | 10:37:38.87 | 0.07 |
| | | | Sg | 37:47.02 | -0.17 |

1914.

2021-12-17 time: 10:44:58.80 UTC ML= 1.2
 lat: 47.687N lon: 16.644E h= 0.0 km
 erh= 1.4km erz= 1.5km
 nr= 9 gap=161 rms=0.81
 Locality: Sopron
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| SOP | 6.4 | 267 | Pg | 10:45:00.30 | 0.35 |
| | | | Sg | 45:00.90 | 0.05 |
| RONA | 26.1 | 273 | Pg | 10:45:03.78 | 0.31 |
| | | | Sg | 45:07.22 | 0.11 |
| CONA | 64.5 | 295 | Sg | 10:45:19.47 | 0.17 |
| MODS | 89.8 | 32 | Sg | 10:45:29.20 | 1.85 |
| KOGS | 140.9 | 192 | Sn | 10:45:41.47 | -1.12 |
| KRUC | 154.0 | 353 | Pn | 10:45:24.20 | -0.84 |
| | | | Sn | 45:43.58 | -1.93 |

Hypocenter Parameters

Földrengés paraméterek

1915.

2021-12-17 time: 11:12:21.70 UTC ML= 1.4
 lat: 47.862N lon: 19.088E h= 0.0 km
 erh= 6.1km erz= 820km
 nr= 5 gap=219 rms=0.39
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 16.5 | 119 | Pg | 11:12:24.70 | 0.05 |
| | | | Sg | 12:26.91 | -0.04 |
| PSZ | 60.6 | 84 | Pg | 11:12:32.99 | 0.47 |
| | | | Sg | 12:40.22 | -0.74 |
| PKSG | 74.1 | 225 | Sg | 11:12:44.90 | -0.35 |

1916.

2021-12-17 time: 11:52:34.18 UTC ML= 1.7
 lat: 47.862N lon: 20.107E h= 0.0 km
 erh= 4.4km erz= 4.9km
 nr= 12 gap=158 rms=1.05
 Locality: Kislána
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 17.1 | 292 | Pg | 11:52:38.06 | 0.83 |
| | | | Sg | 52:41.07 | 1.46 |
| KECS | 74.6 | 22 | Pg | 11:52:48.10 | 0.59 |
| ABAH | 97.2 | 60 | Pg | 11:52:51.51 | -0.03 |
| | | | Sg | 53:03.92 | -1.17 |
| PKS7 | 115.3 | 218 | Sg | 11:53:09.69 | -1.13 |
| VYHS | 117.8 | 307 | Pg | 11:52:53.87 | -1.34 |
| | | | Sg | 53:10.24 | -1.38 |
| PKSG | 139.2 | 248 | Pn | 11:52:59.09 | 0.52 |
| | | | Sn | 53:16.52 | -1.07 |
| LANS | 150.9 | 342 | Pn | 11:53:01.76 | 1.73 |
| | | | Sn | 53:19.13 | -1.06 |

1917.

2021-12-19 time: 8:37:30.87 UTC ML= 2.1
 lat: 45.533N lon: 16.046E h= 7.2 km
 erh= 2.7km erz= 2.3km
 nr= 21 gap=142 rms=0.80
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| ZAG | 33.1 | 353 | Sg | 8:37:42.30 | 0.65 |
| PTJ | 41.4 | 350 | Pg | 8:37:37.74 | -0.62 |
| | | | Sg | 37:43.76 | -0.45 |
| CRES | 56.3 | 305 | Pg | 8:37:40.75 | -0.25 |
| | | | Sg | 37:48.98 | 0.08 |
| KOGS | 102.9 | 9 | Pg | 8:37:49.58 | 0.29 |
| | | | Sg | 38:03.29 | -0.38 |
| BEHE | 118.5 | 28 | Sn | 8:38:07.46 | -0.59 |
| BLY | 124.9 | 134 | Pn | 8:37:52.40 | -0.16 |
| | | | Sn | 38:08.06 | -1.41 |
| SOKA | 149.5 | 328 | Pn | 8:37:55.13 | -0.49 |
| | | | Sn | 38:14.57 | -0.35 |
| OBKA | 158.8 | 313 | Pn | 8:37:56.90 | 0.12 |
| | | | Sn | 38:17.05 | 0.06 |
| KOVH | 171.2 | 69 | Pn | 8:38:00.63 | 2.31 |
| | | | Sn | 38:18.41 | -1.33 |
| PKSV | 176.3 | 77 | Pn | 8:37:59.43 | 0.47 |
| | | | Sn | 38:21.42 | 0.55 |
| TRI | 179.0 | 276 | Sn | 8:38:23.83 | 2.34 |
| PKSM | 215.2 | 69 | Sn | 8:38:31.66 | 2.16 |
| MORH | 215.5 | 69 | Sn | 8:38:31.31 | 1.73 |

1918.

2021-12-20 time: 10:28:39.02 UTC ML= 1.7
 lat: 48.644N lon: 20.745E h= 0.0 km
 erh= 1.7km erz= 4.0km
 nr= 12 gap= 94 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.2 | 227 | Pg | 10:28:44.25 | 0.56 |
| | | | Sg | 28:47.26 | -0.08 |
| ABAH | 53.2 | 137 | Pg | 10:28:48.82 | 0.29 |
| | | | Sg | 28:55.19 | -0.75 |
| NIE | 91.8 | 340 | Pg | 10:28:55.25 | -0.16 |
| | | | Sg | 29:07.40 | -0.79 |
| PSZ | 102.4 | 218 | Pg | 10:28:57.55 | 0.24 |
| | | | Sg | 29:10.46 | -1.11 |
| LANS | 109.3 | 301 | Pg | 10:28:58.61 | 0.08 |
| KOLS | 116.8 | 74 | Pg | 10:28:59.96 | 0.08 |
| VYHS | 141.8 | 263 | Pn | 10:29:04.18 | 0.44 |
| | | | Sn | 29:21.30 | -1.72 |

1919.

2021-12-21 time: 9:19:11.46 UTC ML= 1.3
 lat: 47.827N lon: 16.009E h= 0.0 km
 erh= 3.5km erz= 5.7km
 nr= 9 gap=106 rms=0.90
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CONA | 15.8 | 316 | Pg | 9:19:15.15 | 0.87 |
| | | | Sg | 19:17.05 | 0.58 |
| RONA | 25.8 | 123 | Pg | 9:19:16.85 | 0.78 |
| | | | Sg | 19:20.22 | 0.56 |
| ARSA | 73.8 | 210 | Sg | 9:19:33.92 | -1.00 |
| MODS | 112.3 | 57 | Pg | 9:19:31.11 | -0.41 |
| | | | Sg | 19:45.52 | -1.65 |
| KRUC | 140.3 | 12 | Pn | 9:19:36.18 | 0.20 |
| | | | Sn | 19:53.15 | -1.96 |

1920.

2021-12-21 time: 10:53:27.14 UTC ML= 1.7
 lat: 48.682N lon: 19.666E h= 0.0 km
 erh= 2.9km erz= 961km
 nr= 9 gap=126 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| LANS | 54.1 | 344 | Pg | 10:53:36.93 | 0.14 |
| | | | Sg | 53:43.96 | -0.36 |
| KECS | 64.4 | 110 | Pg | 10:53:39.34 | 0.70 |
| | | | Sg | 53:47.17 | -0.44 |
| VYHS | 64.7 | 251 | Pg | 10:53:39.54 | 0.85 |
| | | | Sg | 53:46.17 | -1.53 |
| PSZ | 86.6 | 169 | Pg | 10:53:42.86 | 0.26 |
| | | | Sg | 53:53.70 | -0.97 |
| ABAH | 124.0 | 110 | Sg | 10:54:05.45 | -1.10 |

1921.

2021-12-21 time: 10:56:12.14 UTC ML= 1.4
 lat: 48.632N lon: 20.811E h= 0.0 km
 erh= 3.1km erz= 4.8km
 nr= 12 gap= 95 rms=1.03
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|------|
| KECS | 29.2 | 235 | Pg | 10:56:18.22 | 0.86 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|-------------|-------|
| | | Sg | 56:22.13 | 0.71 | |
| ABAH | 49.0 | 140 | Pg | 10:56:21.73 | 0.84 |
| | | Sg | 56:27.25 | -0.46 | |
| NIE | 94.8 | 337 | Pg | 10:56:29.16 | 0.09 |
| | | Sg | 56:43.12 | 0.85 | |
| PSZ | 104.6 | 221 | Sg | 10:56:43.32 | -2.06 |
| KOLS | 112.5 | 73 | Sg | 10:56:46.43 | -1.48 |
| LANS | 114.2 | 300 | Sg | 10:56:46.33 | -2.10 |
| TRPA | 139.6 | 114 | Pn | 10:56:37.40 | 0.81 |
| | | Sn | 56:54.37 | -1.28 | |
| VYHS | 146.6 | 264 | Sn | 10:56:56.68 | -0.52 |

1922.

2021-12-21 time: 22:17:07.96 UTC ML= 1.3
 lat: 45.693N lon: 17.906E h= 10.0 km
 erh= 5.1km erz= 3.0km
 nr= 14 gap=168 rms=0.64
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 34.6 | 51 | Pg | 22:17:15.61 | 1.22 |
| | | | Sg | 17:20.31 | 0.91 |
| KOVH | 46.4 | 19 | Pg | 22:17:16.33 | -0.11 |
| | | | Sg | 17:22.24 | -0.82 |
| PKSM | 81.1 | 45 | Pg | 22:17:22.38 | -0.17 |
| | | | Sg | 17:33.10 | -0.83 |
| MORH | 81.6 | 45 | Pg | 22:17:22.49 | -0.14 |
| | | | Sg | 17:33.03 | -1.05 |
| PKS9 | 103.5 | 16 | P* | 22:17:27.26 | 0.75 |
| | | | S* | 17:40.87 | -0.10 |
| PKB4 | 104.3 | 31 | P* | 22:17:26.71 | 0.07 |
| | | | S* | 17:40.76 | -0.45 |
| BLY | 119.3 | 208 | Pn | 22:17:28.74 | 0.16 |
| | | | Sn | 17:43.51 | -1.16 |

1923.

2021-12-22 time: 2:51:59.81 UTC ML= 0.4
 lat: 47.285N lon: 18.023E h= 5.9 km
 erh= 8.7km erz= 6.0km
 nr= 7 gap=173 rms=0.25
 Locality: Jásd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 3.0 | 163 | PgD | 2:52:01.10 | 0.11 |
| | | | Sg | 52:01.71 | -0.20 |
| CSKK | 20.0 | 64 | Pg | 2:52:03.89 | 0.36 |
| | | | Sg | 52:06.65 | 0.22 |
| PKSG | 30.2 | 67 | Pg | 2:52:05.01 | -0.30 |
| | | | Sg | 52:09.32 | -0.28 |
| MPLH | 38.8 | 251 | Sg | 2:52:12.22 | -0.06 |

1924.

2021-12-22 time: 7:24:42.52 UTC ML= 1.7
 lat: 46.050N lon: 22.798E h= 0.0 km
 erh= 1.7km erz= 508km
 nr= 10 gap=161 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| DEV | 20.3 | 156 | Pg | 7:24:46.43 | 0.29 |
| | | | Sg | 24:48.39 | -0.57 |
| GZR | 73.0 | 181 | Pg | 7:24:55.76 | 0.20 |
| | | | Sg | 25:04.91 | -0.82 |
| DRGR | 82.7 | 355 | Pg | 7:24:57.52 | 0.23 |
| | | | Sg | 25:08.07 | -0.73 |
| SIRR | 91.2 | 285 | Pg | 7:24:59.01 | 0.21 |
| | | | Sg | 25:11.79 | 0.28 |
| BZS | 103.7 | 242 | Pg | 7:25:01.19 | 0.16 |
| | | | Sg | 25:14.78 | -0.69 |

1925.

2021-12-22 time: 8:06:20.84 UTC ML= 1.5
 lat: 47.102N lon: 18.087E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 22 gap=101 rms=0.67
 Locality: Papkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 17.9 | 347 | Pg | 8:06:23.19 | -0.85 |
| | | | Sg | 06:25.29 | -1.25 |
| CSKK | 31.9 | 24 | Pg | 8:06:26.71 | 0.18 |
| | | | Sg | 06:31.02 | 0.04 |
| PKSG | 39.6 | 35 | Pg | 8:06:27.61 | -0.30 |
| | | | Sg | 06:32.74 | -0.69 |
| MPLH | 42.2 | 280 | Pg | 8:06:29.37 | 0.98 |
| | | | Sg | 06:34.29 | 0.02 |
| PKB1 | 64.2 | 123 | Pg | 8:06:33.07 | 0.76 |
| | | | Sg | 06:40.82 | -0.44 |
| PKB5 | 75.0 | 139 | Sg | 8:06:45.22 | 0.55 |
| PKB4 | 78.0 | 150 | Pg | 8:06:35.44 | 0.67 |
| | | | Sg | 06:46.42 | 0.78 |
| MORH | 107.3 | 157 | Pg | 8:06:39.91 | -0.09 |
| | | | Sg | 06:54.18 | -0.77 |
| PKSM | 107.6 | 157 | Pg | 8:06:40.11 | 0.05 |
| | | | Sg | 06:54.48 | -0.58 |
| KOVH | 112.7 | 180 | Pg | 8:06:40.66 | -0.30 |
| | | | Sg | 06:55.76 | -0.89 |
| PKSV | 135.5 | 175 | Sn | 8:07:02.46 | -0.97 |
| VYHS | 164.7 | 20 | Pn | 8:06:50.11 | 1.70 |
| | | | Sn | 07:10.19 | 0.29 |

1926.

2021-12-22 time: 10:40:01.77 UTC ML= 1.5
 lat: 48.827N lon: 21.230E h= 0.0 km
 erh= 1.6km erz= 2.1km
 nr= 13 gap= 51 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| ABAH | 59.1 | 179 | Pg | 10:40:13.08 | 0.76 |
| | | | Sg | 40:20.75 | 0.21 |
| STHS | 65.6 | 1 | Sg | 10:40:22.33 | -0.29 |
| KECS | 66.9 | 235 | Pg | 10:40:13.83 | 0.12 |
| | | | Sg | 40:22.01 | -1.02 |
| KOLS | 77.4 | 81 | Sg | 10:40:25.84 | -0.53 |
| NIE | 93.9 | 315 | Pg | 10:40:19.35 | 0.81 |
| | | | Sg | 40:30.90 | -0.71 |
| TRPA | 124.0 | 129 | Sg | 10:40:40.53 | -0.64 |
| LANS | 133.9 | 286 | Sn | 10:40:44.02 | 0.00 |
| KWP | 139.9 | 50 | Sn | 10:40:45.55 | 0.21 |
| PSZ | 141.4 | 224 | Pn | 10:40:26.17 | -0.27 |
| | | | Sn | 40:45.42 | -0.26 |

1927.

2021-12-22 time: 10:42:04.24 UTC ML= 1.5
 lat: 48.714N lon: 19.944E h= 0.0 km
 erh= 2.6km erz= ***km
 nr= 11 gap= 97 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 47.5 | 123 | Pg | 10:42:13.72 | 1.00 |
| | | | Sg | 42:19.07 | -0.27 |
| LANS | 59.8 | 324 | Pg | 10:42:15.53 | 0.62 |
| | | | Sg | 42:23.03 | -0.21 |
| NIE | 82.9 | 19 | Pg | 10:42:19.27 | 0.22 |
| | | | Sg | 42:29.39 | -1.21 |
| VYHS | 85.3 | 253 | Pg | 10:42:19.97 | 0.51 |

Hypocenter Parameters

PSZ 88.5 182 Sg 42:30.04 -1.30
 Pg 10:42:20.37 0.32
 Sg 42:31.22 -1.16
 ABAH 106.4 116 Sg 10:42:36.34 -1.73

1928.

2021-12-23 time: 9:45:17.97 UTC ML= 1.5
 lat: 48.603N lon: 20.763E h= 0.0 km
 erh= 2.2km erz= 5.8km
 nr= 13 gap= 86 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.4 | 237 | Pg | 9:45:22.81 | 0.48 |
| | | | Sg | 45:25.57 | -0.16 |
| ABAH | 49.1 | 134 | Pg | 9:45:27.08 | 0.34 |
| | | | Sg | 45:33.05 | -0.53 |
| NIE | 96.5 | 340 | Pg | 9:45:35.97 | 0.77 |
| | | | Sg | 45:48.62 | -0.02 |
| STHS | 97.1 | 21 | Sg | 9:45:48.22 | -0.61 |
| PSZ | 99.8 | 220 | Pg | 9:45:36.02 | 0.24 |
| | | | Sg | 45:48.52 | -1.16 |
| LANS | 112.8 | 303 | Sg | 9:45:52.79 | -1.04 |
| KOLS | 117.0 | 72 | Sg | 9:45:53.84 | -1.31 |
| TRPA | 141.8 | 112 | Pn | 9:45:43.70 | 1.02 |
| | | | Sn | 45:59.56 | -2.39 |

1929.

2021-12-24 time: 9:28:56.78 UTC ML= 2.5
 lat: 45.720N lon: 21.591E h= 5.5 km
 erh= 1.4km erz= 1.6km
 nr= 38 gap= 50 rms=0.85
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BZS | 11.6 | 170 | Pg | 9:28:59.60 | 0.53 |
| | | | Sg | 29:01.98 | 1.13 |
| TIM | 28.9 | 274 | PgD | 9:29:01.76 | -0.27 |
| | | | Sg | 29:05.00 | -1.12 |
| SURR | 41.7 | 85 | PgC | 9:29:05.21 | 0.92 |
| | | | Sg | 29:10.60 | 0.45 |
| BANR | 51.7 | 224 | PgC | 9:29:06.14 | 0.09 |
| | | | Sg | 29:13.30 | 0.01 |
| SIRR | 61.1 | 5 | PgC | 9:29:07.89 | 0.15 |
| | | | Sg | 29:13.80 | -2.49 |
| AMBH | 97.0 | 316 | Pg | 9:29:14.22 | 0.10 |
| | | | Sg | 29:26.97 | -0.67 |
| GZR | 99.4 | 111 | PgC | 9:29:14.60 | 0.04 |
| | | | Sg | 29:27.70 | -0.72 |
| DEV | 103.6 | 80 | PgC | 9:29:15.51 | 0.20 |
| | | | Sg | 29:28.20 | -1.56 |
| MDVR | 104.7 | 175 | PgC | 9:29:14.96 | -0.53 |
| | | | Sg | 29:29.20 | -0.89 |
| HERR | 113.4 | 145 | PgC | 9:29:17.03 | -0.03 |
| | | | Sg | 29:32.20 | -0.68 |
| DJES | 141.3 | 149 | Pn | 9:29:19.40 | -1.33 |
| | | | Sn | 29:37.02 | -2.39 |
| DRGR | 147.2 | 36 | Pn | 9:29:21.85 | 0.39 |
| | | | Sn | 29:39.60 | -1.12 |
| MARR | 158.8 | 48 | PnC | 9:29:23.44 | 0.53 |
| | | | Sn | 29:44.20 | 0.91 |
| LTVH | 186.6 | 7 | Sn | 9:29:48.57 | -0.90 |
| CJR | 190.2 | 54 | PnD | 9:29:27.69 | 0.86 |
| | | | Sn | 29:50.90 | 0.63 |
| PUNG | 191.9 | 147 | PnC | 9:29:29.30 | 2.26 |
| | | | Sn | 29:51.90 | 1.25 |
| PKB3 | 201.2 | 293 | Sn | 9:29:53.39 | 0.68 |
| BOVS | 231.8 | 178 | PnD | 9:29:32.79 | 0.78 |
| | | | Sn | 30:00.90 | 1.41 |
| MORH | 235.0 | 284 | Pn | 9:29:33.50 | 1.09 |
| PKB1 | 246.2 | 299 | Sn | 9:30:03.53 | 0.85 |

Földrengés paraméterek

VOIR 271.8 97 PnD 9:29:38.45 1.45
 Sn 30:10.50 2.13

1930.

2021-12-24 time: 17:04:49.65 UTC ML= 2.1
 lat: 45.648N lon: 21.617E h= 13.0 km
 erh= 2.7km erz= 1.6km
 nr= 19 gap= 87 rms=0.86
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 3.4 | 180 | Pg | 17:04:52.10 | 0.05 |
| | | | Sg | 04:53.91 | -0.01 |
| SURR | 41.3 | 73 | PgD | 17:04:57.30 | -0.07 |
| | | | Sg | 05:02.60 | -0.80 |
| BANR | 47.8 | 232 | Pg | 17:04:59.16 | 0.67 |
| | | | Sg | 05:04.85 | -0.54 |
| GZR | 94.9 | 107 | P* | 17:05:05.56 | -1.06 |
| | | | S* | 05:17.46 | -2.39 |
| MDVR | 96.6 | 176 | P*D | 17:05:07.04 | 0.17 |
| | | | S* | 05:20.10 | -0.20 |
| AMBH | 104.2 | 319 | Sn | 17:05:20.48 | -1.86 |
| HERR | 105.8 | 144 | PnD | 17:05:09.71 | 1.50 |
| | | | Sn | 05:23.30 | 0.61 |
| DRGR | 152.6 | 34 | Pn | 17:05:13.99 | -0.06 |
| | | | Sn | 05:32.47 | -0.62 |
| MARR | 162.9 | 45 | PnD | 17:05:15.84 | 0.51 |
| | | | Sn | 05:35.80 | 0.44 |
| CJR | 193.5 | 52 | Pn | 17:05:20.95 | 1.81 |
| LTVH | 194.3 | 6 | Pn | 17:05:19.52 | 0.27 |

1931.

2021-12-25 time: 7:18:20.68 UTC ML= 3.7
 lat: 46.471N lon: 16.222E h= 7.5 km
 erh= 1.0km erz= 0.8km
 nr= 88 gap= 35 rms=0.59
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOGS | 3.3 | 140 | Pg | 7:18:21.99 | -0.15 |
| | | | Sg | 18:24.32 | 1.04 |
| BEHE | 42.5 | 90 | Pg | 7:18:29.55 | 1.17 |
| | | | Sg | 18:36.31 | 1.92 |
| GROS | 55.4 | 269 | Pg | 7:18:30.73 | 0.07 |
| PTJ | 66.7 | 198 | Pg | 7:18:33.05 | 0.39 |
| | | | Sg | 18:41.35 | -0.66 |
| DOBS | 68.2 | 238 | iPgC | 7:18:33.01 | 0.08 |
| | | | eSg | 18:41.80 | -0.68 |
| GOLS | 68.9 | 222 | iPgC | 7:18:33.71 | 0.65 |
| | | | eSg | 18:42.56 | -0.15 |
| ZAG | 73.5 | 194 | Pg | 7:18:34.52 | 0.64 |
| | | | Sg | 18:44.09 | -0.08 |
| CESS | 80.6 | 227 | iPgC | 7:18:35.52 | 0.39 |
| | | | iSg | 18:45.69 | -0.72 |
| GCIS | 81.4 | 214 | iPg | 7:18:35.52 | 0.25 |
| PERS | 86.8 | 282 | Pg | 7:18:35.76 | -0.47 |
| LEGS | 90.8 | 230 | iPgC | 7:18:37.09 | 0.14 |
| | | | eSg | 18:48.21 | -1.44 |
| ZAVS | 92.1 | 267 | iPgC | 7:18:36.77 | -0.42 |
| CRES | 93.0 | 220 | Pg | 7:18:37.46 | 0.12 |
| | | | Sg | 18:48.74 | -1.59 |
| SOKA | 94.1 | 284 | Pg | 7:18:36.86 | -0.67 |
| ARSA | 101.7 | 328 | Pg | 7:18:37.70 | -1.20 |
| PDKS | 104.8 | 244 | iPgC | 7:18:39.22 | -0.23 |
| | | | eSg | 18:52.49 | -1.60 |
| VNDS | 124.2 | 251 | iPnC | 7:18:42.11 | -0.14 |
| | | | eSn | 18:57.92 | -1.15 |
| MPLH | 127.0 | 52 | Pn | 7:18:42.37 | -0.23 |
| OBKA | 128.6 | 272 | Pn | 7:18:42.76 | -0.03 |
| | | | Sn | 18:58.79 | -1.25 |
| VISS | 130.1 | 235 | iPnC | 7:18:42.96 | -0.03 |

Földrengés paraméterek

Hypocenter Parameters

| | | | | |
|----------------|------|--|------------|--------|
| | eSn | | 19:00.57 | 0.19 |
| BOJS 131.2 215 | iPnC | | 7:18:43.16 | 0.05 |
| | eSn | | 18:58.88 | -1.73 |
| EGYH 134.9 39 | Pn | | 7:18:43.67 | 0.09 |
| | Sn | | 18:59.00 | -2.44* |
| TIH 136.4 70 | Pn | | 7:18:43.33 | -0.44 |
| RONA 136.7 2 | Pn | | 7:18:44.06 | 0.26 |
| SOP 137.2 11 | Pn | | 7:18:43.92 | 0.06 |
| MOZS 138.3 262 | iPnC | | 7:18:44.16 | 0.16 |
| | Sn | | 19:02.60 | 0.41 |
| LJU 139.1 250 | iPnC | | 7:18:44.41 | 0.31 |
| | eSn | | 19:03.03 | 0.66 |
| GBAS 149.8 247 | iPnC | | 7:18:45.62 | 0.18 |
| KOVH 150.8 106 | Pn | | 7:18:44.66 | -0.90 |
| GBRS 151.3 226 | iPnC | | 7:18:45.98 | 0.36 |
| CRNS 157.3 254 | iPnC | | 7:18:46.88 | 0.51 |
| | eSn | | 19:08.22 | 1.81 |
| PKS9 158.3 85 | Pn | | 7:18:45.73 | -0.77 |
| CEY 161.0 240 | iPnC | | 7:18:47.01 | 0.18 |
| PKST 163.6 58 | Pn | | 7:18:46.68 | -0.47 |
| CONA 164.3 350 | Pn | | 7:18:47.75 | 0.51 |
| PKSV 169.6 112 | Pn | | 7:18:47.40 | -0.50 |
| GORS 171.8 264 | iPnC | | 7:18:48.77 | 0.59 |
| KNDS 177.1 234 | iPnC | | 7:18:49.02 | 0.18 |
| | Sn | | 19:11.59 | 0.79 |
| JAVS 178.6 249 | iPnC | | 7:18:49.21 | 0.18 |
| WINA 182.3 356 | Pn | | 7:18:50.08 | 0.60 |
| | Sn | | 19:12.47 | 0.52 |
| PKB4 182.9 89 | Pn | | 7:18:50.35 | 0.79 |
| PKSM 188.4 99 | Pn | | 7:18:49.10 | -1.15 |
| MORH 188.6 99 | Pn | | 7:18:49.15 | -1.12 |
| CADS 193.2 262 | ePn | | 7:18:51.35 | 0.50 |
| | Sn | | 19:14.51 | 0.12 |
| PKB5 193.3 86 | Pn | | 7:18:49.74 | -1.12 |
| MYKA 198.7 275 | Pn | | 7:18:51.97 | 0.43 |
| | Sn | | 19:15.49 | -0.12 |
| SKDS 199.6 239 | ePn | | 7:18:52.03 | 0.39 |
| | Sn | | 19:18.25 | 2.46* |
| PKB1 199.9 80 | Pn | | 7:18:51.29 | -0.39 |
| BLY 205.6 159 | Pn | | 7:18:52.58 | 0.19 |
| ROBS 210.3 263 | iPnC | | 7:18:53.24 | 0.25 |
| MOA 213.3 316 | Pn | | 7:18:54.84 | 1.49 |
| | Sn | | 19:19.10 | 0.26 |
| SRO 217.8 47 | Pn | | 7:18:53.85 | -0.06 |
| MODS 226.0 21 | Pn | | 7:18:54.81 | -0.13 |
| KBA 229.9 287 | Pn | | 7:18:56.29 | 0.86 |
| | Sn | | 19:22.45 | -0.08 |
| BIOA 238.6 305 | Pn | | 7:18:57.61 | 1.10 |
| | Sn | | 19:24.97 | 0.52 |
| SMOL 244.6 22 | Pn | | 7:18:57.00 | -0.26 |
| ABNA 251.6 346 | Pn | | 7:18:58.98 | 0.84 |
| | Sn | | 19:27.08 | -0.27 |
| ABTA 285.9 276 | Pn | | 7:19:03.20 | 0.79 |
| | Sn | | 19:35.19 | 0.24 |
| LESA 290.0 291 | Pn | | 7:19:04.35 | 1.43 |
| | Sn | | 19:36.19 | 0.33* |
| VRAC 316.7 5 | PnC | | 7:19:06.66 | 0.42* |
| WTTA 360.6 284 | Pn | | 7:19:13.27 | 1.55* |
| | Sn | | 19:53.85 | 2.31* |
| WATA 366.8 285 | Pn | | 7:19:14.09 | 1.59* |
| | Sn | | 19:53.33 | 0.41* |
| SQTA 391.4 282 | Pn | | 7:19:17.14 | 1.58* |
| | Sn | | 19:59.60 | 1.23* |
| MOTA 401.9 284 | Pn | | 7:19:18.08 | 1.21* |
| | Sn | | 20:01.92 | 1.22* |
| KRLC 402.9 6 | ePn | | 7:19:19.50 | 2.50* |
| SIRR 419.0 93 | PnD | | 7:19:19.53 | 0.53* |
| FETA 424.2 278 | Pn | | 7:19:21.46 | 1.80* |
| | Sn | | 20:04.78 | -0.88* |
| RETA 430.5 285 | Pn | | 7:19:21.44 | 1.00* |
| | Sn | | 20:05.80 | -1.26* |
| DPC 431.4 1 | ePn | | 7:19:22.90 | 2.35* |
| MDVR 467.5 114 | PnC | | 7:19:24.00 | -1.06* |
| DAVA 491.9 281 | Pn | | 7:19:29.04 | 0.95* |
| | Sn | | 20:15.78 | -4.90* |

| | | | | |
|----------------|-----|--|------------|--------|
| DRGR 498.2 86 | PnC | | 7:19:30.77 | 1.89* |
| HERR 513.9 110 | PnD | | 7:19:31.08 | 0.24* |
| GZR 522.3 103 | PnC | | 7:19:32.43 | 0.55* |
| BOVS 534.7 126 | PnC | | 7:19:32.74 | -0.69* |
| VOIR 694.0 100 | PnC | | 7:19:56.01 | 2.72* |

1932.

2021-12-25 time: 7:30:28.13 UTC ML= 2.5
 lat: 46.449N lon: 16.183E h= 14.7 km
 erh= 2.1km erz= 1.9km
 nr= 29 gap= 81 rms=0.88
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KOGS | 5.2 | 91 | Pg | 7:30:29.55 | | | -1.37 |
| BEHE | 45.6 | 87 | Pg | 7:30:36.75 | | | 0.07 |
| | | | Sg | 30:43.75 | | | 0.39 |
| GROS | 52.3 | 271 | Pg | 7:30:37.90 | | | 0.06 |
| | | | Sg | 30:44.77 | | | -0.64 |
| PTJ | 63.5 | 196 | Pg | 7:30:40.49 | | | 0.72 |
| | | | Sg | 30:48.58 | | | -0.26 |
| ZAG | 70.5 | 192 | Pg | 7:30:42.25 | | | 1.26 |
| | | | Sg | 30:51.27 | | | 0.25 |
| PERS | 84.4 | 284 | P* | 7:30:42.75 | | | -0.58 |
| CRES | 89.2 | 219 | P* | 7:30:44.68 | | | 0.62 |
| | | | S* | 30:56.51 | | | 0.02 |
| SOKA | 91.8 | 286 | P* | 7:30:44.21 | | | -0.25 |
| | | | S* | 30:54.75 | | | -2.45 |
| ARSA | 102.3 | 331 | Pn | 7:30:45.23 | | | -0.81 |
| | | | Sn | 31:00.32 | | | 0.31 |
| MPLH | 130.9 | 52 | Pn | 7:30:50.61 | | | 1.00 |
| EGYH | 138.7 | 39 | Pn | 7:30:52.22 | | | 1.64 |
| RONA | 139.3 | 4 | Pn | 7:30:51.26 | | | 0.61 |
| | | | Sn | 31:07.14 | | | -1.07 |
| SOP | 140.1 | 12 | Pn | 7:30:51.42 | | | 0.66 |
| | | | Sn | 31:07.19 | | | -1.21 |
| KOVH | 153.1 | 105 | Pn | 7:30:52.07 | | | -0.31 |
| | | | Sn | 31:08.47 | | | -2.82 |
| CONA | 166.2 | 352 | Pn | 7:30:55.01 | | | 1.00 |
| PKSV | 171.5 | 111 | Pn | 7:30:54.52 | | | -0.15 |
| | | | Sn | 31:12.81 | | | -2.57 |
| PKSM | 191.1 | 98 | Pn | 7:30:56.44 | | | -0.68 |
| MORH | 191.3 | 98 | Pn | 7:30:56.37 | | | -0.77 |

1933.

2021-12-25 time: 8:23:24.14 UTC ML= 2.0
 lat: 45.943N lon: 16.868E h= 5.8 km
 erh= 1.9km erz= 1.9km
 nr= 17 gap= 94 rms=0.61
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BEHE | 59.1 | 353 | Pg | 8:23:35.65 | | | 0.92 |
| | | | Sg | 23:43.17 | | | 0.17 |
| PTJ | 70.7 | 266 | Sg | 8:23:46.11 | | | -0.59 |
| KOGS | 73.7 | 320 | Pg | 8:23:37.73 | | | 0.40 |
| | | | Sg | 23:46.70 | | | -0.93 |
| KOVH | 96.8 | 80 | Pg | 8:23:41.52 | | | 0.07 |
| | | | Sg | 23:53.48 | | | -1.47 |
| PKSV | 107.6 | 93 | Sg | 8:23:56.95 | | | -1.43 |
| CRES | 110.3 | 263 | Pg | 8:23:43.98 | | | 0.12 |
| | | | Sg | 23:59.09 | | | -0.15 |
| BLY | 135.0 | 169 | Sn | 8:24:05.73 | | | 0.44 |
| PKSM | 140.4 | 78 | Sn | 8:24:05.77 | | | -0.73 |
| MORH | 140.7 | 78 | Pn | 8:23:48.45 | | | 0.48 |
| | | | Sn | 24:06.54 | | | -0.03 |
| PKB4 | 147.4 | 65 | Pn | 8:23:49.19 | | | 0.38 |
| | | | Sn | 24:08.02 | | | -0.03 |
| PERS | 155.4 | 300 | Sn | 8:24:09.11 | | | -0.72 |

Hypocenter Parameters

Földrengés paraméterek

1934.

2021-12-25 time: 11:56:45.53 UTC ML= 2.2
 lat: 46.481N lon: 16.142E h= 4.5 km
 erh= 1.6km erz= 2.1km
 nr= 21 gap= 87 rms=0.68
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 9.1 | 114 | Pg | 11:56:47.20 | -0.15 |
| | | | Sg | 56:48.51 | -0.25 |
| BEHE | 48.7 | 91 | Sg | 11:57:01.26 | 0.19 |
| GROS | 49.2 | 267 | iSg | 11:57:01.80 | 0.57 |
| DOBS | 63.6 | 235 | ePg | 11:56:58.02 | 1.10 |
| | | | eSg | 57:06.62 | 0.82 |
| GOLS | 65.8 | 217 | iPg | 11:56:57.95 | 0.64 |
| | | | eSg | 57:06.59 | 0.10 |
| PTJ | 66.2 | 192 | Sg | 11:57:05.25 | -1.36 |
| PERS | 80.5 | 282 | Pg | 11:57:00.33 | 0.41 |
| | | | Sg | 57:10.11 | -1.03 |
| SOKA | 87.8 | 284 | Sg | 11:57:12.43 | -1.04 |
| CRES | 90.1 | 216 | Pg | 11:57:01.87 | 0.24 |
| | | | Sg | 57:12.86 | -1.33 |
| ARSA | 97.6 | 331 | Pg | 11:57:02.57 | -0.41 |
| | | | Sg | 57:16.07 | -0.53 |
| OBKA | 122.3 | 271 | Pn | 11:57:07.66 | 0.42 |
| | | | Sn | 57:24.10 | -0.08 |
| RONA | 135.9 | 5 | Sn | 11:57:26.69 | -0.51 |
| KOVH | 157.1 | 106 | Pn | 11:57:11.36 | -0.22 |
| CONA | 162.2 | 352 | Pn | 11:57:13.97 | 1.75 |

1935.

2021-12-25 time: 18:34:02.81 UTC ML= 2.1
 lat: 46.492N lon: 16.163E h= 8.1 km
 erh= 1.5km erz= 1.4km
 nr= 31 gap= 89 rms=0.65
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 8.3 | 126 | Pg | 18:34:04.41 | -0.46 |
| | | | Sg | 34:05.52 | -0.97 |
| BEHE | 47.1 | 93 | Sg | 18:34:17.99 | 0.00 |
| GROS | 50.9 | 266 | iPg | 18:34:12.29 | 0.28 |
| DOBS | 65.6 | 235 | iPg | 18:34:15.04 | 0.42 |
| PTJ | 67.7 | 194 | Pg | 18:34:16.16 | 1.18 |
| | | | Sg | 34:22.49 | -1.99 |
| GOLS | 67.7 | 218 | iPg | 18:34:15.16 | 0.17 |
| | | | eSg | 34:23.84 | -0.65 |
| CESS | 79.0 | 223 | iPg | 18:34:17.12 | 0.13 |
| GCIS | 80.9 | 211 | iPg | 18:34:17.54 | 0.22 |
| PERS | 81.8 | 281 | iPg | 18:34:17.23 | -0.26 |
| SOKA | 89.1 | 283 | Pg | 18:34:18.69 | -0.09 |
| | | | Sg | 34:29.52 | -1.72 |
| CRES | 92.0 | 216 | Pg | 18:34:19.48 | 0.18 |
| | | | Sg | 34:30.92 | -1.24 |
| ARSA | 97.4 | 330 | Pg | 18:34:19.78 | -0.48 |
| | | | Sg | 34:34.39 | 0.52 |
| PKS | 101.8 | 242 | iPg | 18:34:21.33 | 0.29 |
| OBKA | 123.9 | 271 | Pn | 18:34:24.76 | 0.50 |
| | | | Sn | 34:40.28 | -0.72 |
| RONA | 134.6 | 4 | Pn | 18:34:25.75 | 0.16 |
| | | | Sn | 34:42.23 | -1.14 |
| KOVH | 155.8 | 107 | Pn | 18:34:29.83 | 1.59 |
| | | | Sn | 34:47.09 | -0.99 |
| CONA | 161.3 | 352 | Pn | 18:34:29.42 | 0.50 |
| | | | Sn | 34:48.84 | -0.45 |
| WINA | 179.7 | 358 | Pn | 18:34:31.53 | 0.32 |
| | | | Sn | 34:52.96 | -0.41 |
| MOA | 208.5 | 316 | Pn | 18:34:35.43 | 0.63 |
| | | | Sn | 34:59.26 | -0.50 |

1936.

2021-12-25 time: 19:59:21.67 UTC ML= 1.4
 lat: 46.084N lon: 16.968E h= 10.5 km
 erh= 3.7km erz= 2.1km
 nr= 12 gap=153 rms=0.60
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 68.6 | 306 | Sg | 19:59:43.89 | 0.17 |
| PTJ | 80.9 | 255 | Sg | 19:59:46.70 | -0.91 |
| KOVH | 87.5 | 90 | Pg | 19:59:38.03 | 0.62 |
| | | | Sg | 59:48.99 | -0.70 |
| PKSV | 101.8 | 102 | P* | 19:59:40.34 | 0.41 |
| | | | S* | 59:53.10 | -1.06 |
| GROS | 120.6 | 290 | Sn | 19:59:57.73 | -0.83 |
| CRES | 120.6 | 256 | Sn | 19:59:59.65 | 1.07 |
| PKSM | 130.0 | 84 | Pn | 19:59:43.62 | 0.04 |
| | | | Sn | 20:00:00.89 | 0.23 |
| MORH | 130.3 | 84 | Pn | 19:59:43.33 | -0.28 |
| | | | Sn | 20:00:01.14 | 0.42 |

1937.

2021-12-25 time: 22:25:17.33 UTC ML= 2.1
 lat: 45.728N lon: 21.598E h= 1.0 km
 erh= 1.4km erz= 1.8km
 nr= 32 gap= 49 rms=0.76
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 12.5 | 173 | Pg | 22:25:20.38 | 0.81 |
| | | | Sg | 25:22.49 | 1.18 |
| TIM | 29.4 | 272 | PgD | 22:25:23.60 | 1.03 |
| | | | Sg | 25:26.90 | 0.24 |
| SURR | 41.1 | 86 | PgC | 22:25:25.48 | 0.81 |
| | | | Sg | 25:30.50 | 0.10 |
| BANR | 52.7 | 223 | Pg | 22:25:26.41 | -0.33 |
| | | | Sg | 25:33.03 | -1.06 |
| SIRR | 60.1 | 5 | Pg | 22:25:28.21 | 0.15 |
| | | | Sg | 25:35.44 | -1.00 |
| AMBH | 96.6 | 316 | Pg | 22:25:34.14 | -0.44 |
| | | | Sg | 25:48.10 | 0.06 |
| GZR | 99.3 | 112 | Pg | 22:25:35.04 | -0.02 |
| | | | Sg | 25:47.79 | -1.10 |
| DEV | 102.9 | 80 | Pg | 22:25:34.39 | -1.32 |
| | | | Sg | 25:49.45 | -0.60 |
| MDVR | 105.6 | 175 | PgC | 22:25:36.49 | 0.30 |
| | | | Sg | 25:49.80 | -1.10 |
| HERR | 114.0 | 146 | PgC | 22:25:38.06 | 0.38 |
| | | | Sg | 25:52.30 | -1.25 |
| DRGR | 146.1 | 36 | Pn | 22:25:43.07 | 0.62 |
| | | | Sn | 26:00.90 | -1.14 |
| FRGS | 154.6 | 245 | Pn | 22:25:43.43 | -0.08 |
| | | | Sn | 26:02.41 | -1.53 |
| MARR | 157.7 | 48 | PnC | 22:25:44.81 | 0.91 |
| | | | Sn | 26:04.60 | -0.02 |
| LOT | 172.3 | 100 | PnC | 22:25:46.47 | 0.75 |
| | | | Sn | 26:08.00 | 0.14 |
| SRE | 173.2 | 133 | Sn | 22:26:09.30 | 1.25 |
| LTVH | 185.6 | 7 | Sn | 22:26:10.34 | -0.47 |
| CJR | 189.2 | 55 | Pn | 22:25:48.95 | 1.12 |
| | | | Sn | 26:11.74 | 0.12 |

1938.

2021-12-26 time: 1:41:00.10 UTC ML= 0.8
 lat: 45.743N lon: 21.565E h= 13.6 km
 erh= 2.6km erz= 2.6km
 nr= 6 gap=147 rms=0.36
 Locality: Romania
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BZS | 14.6 | 164 | Pg | 1:41:03.86 | 0.20 |
| | | | Sg | 41:05.76 | -0.69 |
| BANR | 52.3 | 220 | Sg | 1:41:17.36 | 0.09 |
| SIRR | 58.7 | 7 | Pg | 1:41:11.24 | 0.38 |
| | | | Sg | 41:18.82 | -0.43 |
| GZR | 102.3 | 112 | S* | 1:41:31.97 | -0.22 |

1939.

2021-12-27 time: 10:20:52.39 UTC ML= 1.4
 lat: 45.735N lon: 21.578E h= 4.1 km
 erh= 1.7km erz= 2.3km
 nr= 10 gap= 95 rms=0.37
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 13.5 | 167 | Pg | 10:20:54.95 | 0.05 |
| | | | Sg | 20:57.11 | 0.25 |
| BANR | 52.2 | 221 | Sg | 10:21:08.77 | -0.26 |
| SIRR | 59.5 | 6 | Pg | 10:21:03.26 | 0.22 |
| | | | Sg | 21:10.82 | -0.54 |
| AMBH | 95.0 | 316 | Pg | 10:21:09.39 | 0.02 |
| GZR | 101.0 | 112 | Pg | 10:21:10.30 | -0.14 |
| | | | Sg | 21:22.65 | -1.87 |
| DRGR | 146.4 | 37 | Pn | 10:21:17.77 | 0.62 |
| | | | Sn | 21:35.97 | -0.50 |

1940.

2021-12-27 time: 11:50:26.95 UTC ML= 2.4
 lat: 46.480N lon: 16.195E h= 8.9 km
 erh= 1.2km erz= 1.0km
 nr= 39 gap= 80 rms=0.54
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KOGS | 5.5 | 130 | Pg | 11:50:28.76 | -0.06 |
| | | | Sg | 50:29.88 | -0.39 |
| BEHE | 44.6 | 91 | Pg | 11:50:35.79 | 0.72 |
| | | | Sg | 50:41.75 | 0.35 |
| GROS | 53.3 | 268 | iPg | 11:50:36.90 | 0.29 |
| | | | eSg | 50:43.72 | -0.42 |
| DOBS | 66.9 | 237 | iPg | 11:50:39.19 | 0.18 |
| PTJ | 67.1 | 196 | Pg | 11:50:39.34 | 0.31 |
| | | | Sg | 50:47.15 | -1.31 |
| GOLS | 68.3 | 220 | iPgC | 11:50:39.74 | 0.49 |
| | | | eSg | 50:48.49 | -0.35 |
| ZAG | 74.1 | 192 | Pg | 11:50:40.88 | 0.61 |
| | | | Sg | 50:50.06 | -0.60 |
| CESS | 79.8 | 225 | iPg | 11:50:41.71 | 0.42 |
| | | | eSg | 50:51.66 | -0.82 |
| GCIS | 81.0 | 213 | iPg | 11:50:41.70 | 0.19 |
| PERS | 84.5 | 282 | iPg | 11:50:41.85 | -0.28 |
| | | | eSg | 50:52.04 | -1.93* |
| LEGS | 89.9 | 229 | iPg | 11:50:43.20 | 0.12 |
| | | | eSg | 50:54.32 | -1.34 |
| ZAVS | 90.1 | 267 | iPg | 11:50:43.06 | -0.06 |
| CRES | 92.4 | 218 | Pg | 11:50:43.61 | 0.07 |
| | | | Sg | 50:55.16 | -1.31 |
| ARSA | 99.8 | 329 | Pg | 11:50:44.01 | -0.84 |
| | | | Sg | 50:57.35 | -1.45 |
| PDKS | 103.4 | 243 | iPg | 11:50:45.29 | -0.20 |
| VNDS | 122.6 | 250 | iPn | 11:50:48.48 | 0.34 |
| | | | eSn | 51:05.03 | 0.36 |
| OBKA | 126.5 | 271 | Pn | 11:50:49.15 | 0.53 |
| | | | Sn | 51:04.79 | -0.74 |
| VISS | 129.0 | 234 | iPn | 11:50:49.12 | 0.18 |
| BOJS | 130.8 | 214 | iPn | 11:50:49.34 | 0.17 |
| MOZS | 136.4 | 261 | iPn | 11:50:50.71 | 0.85 |
| SOP | 136.6 | 12 | Pn | 11:50:50.53 | 0.65 |
| | | | Sn | 51:06.85 | -0.92 |
| KOVH | 153.1 | 107 | Pn | 11:50:51.19 | -0.75 |

| Sn | 51:10.79 | -0.65 | | | |
|------|----------|-------|----|-------------|-------|
| PKSV | 171.9 | 113 | Pn | 11:50:53.62 | -0.67 |
| MORH | 190.8 | 99 | Pn | 11:50:56.79 | 0.15 |

1941.

2021-12-27 time: 12:15:34.63 UTC ML= 1.6
 lat: 45.604N lon: 17.340E h= 9.8 km
 erh= 2.5km erz= 1.2km
 nr= 11 gap=214 rms=0.28
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 77.7 | 66 | Pg | 12:15:48.80 | 0.18 |
| | | | Sg | 15:58.95 | -0.58 |
| KOVH | 79.9 | 48 | Pg | 12:15:49.20 | 0.20 |
| | | | Sg | 16:00.07 | -0.14 |
| PKSM | 121.5 | 56 | Pn | 12:15:55.53 | -0.03 |
| | | | Sn | 16:12.30 | 0.41 |
| MORH | 121.9 | 56 | Pn | 12:15:55.23 | -0.38 |
| | | | Sn | 16:12.30 | 0.32 |
| KOGS | 126.1 | 318 | Sn | 12:16:12.91 | -0.01 |
| CRES | 148.6 | 280 | Pn | 12:15:59.10 | 0.16 |
| | | | Sn | 16:17.48 | -0.43 |

1942.

2021-12-27 time: 18:07:15.19 UTC ML= 2.3
 lat: 46.488N lon: 16.154E h= 4.6 km
 erh= 1.2km erz= 1.3km
 nr= 39 gap= 88 rms=0.57
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 8.6 | 121 | Pg | 18:07:16.69 | -0.25 |
| | | | Sg | 07:17.70 | -0.61 |
| BEHE | 47.8 | 92 | Pg | 18:07:23.92 | 0.15 |
| | | | Sg | 07:30.05 | -0.41 |
| GROS | 50.1 | 267 | Pg | 18:07:24.80 | 0.61 |
| | | | Sg | 07:31.25 | 0.05 |
| GOLS | 66.9 | 218 | iPgD | 18:07:27.59 | 0.42 |
| | | | eSg | 07:36.68 | 0.17 |
| PTJ | 67.1 | 193 | Pg | 18:07:26.73 | -0.47 |
| | | | Sg | 07:34.36 | -2.20 |
| CESS | 78.2 | 223 | iPg | 18:07:29.54 | 0.37 |
| GCIS | 80.1 | 210 | iPg | 18:07:30.43 | 0.91 |
| PERS | 81.2 | 282 | Pg | 18:07:30.32 | 0.60 |
| | | | Sg | 07:39.76 | -1.29 |
| ZAVS | 86.9 | 266 | iPg | 18:07:31.32 | 0.58 |
| LEGS | 88.0 | 227 | iPg | 18:07:31.02 | 0.08 |
| | | | eSg | 07:42.75 | -0.47 |
| SOKA | 88.5 | 284 | Pg | 18:07:30.93 | -0.09 |
| | | | Sg | 07:42.12 | -1.24 |
| CRES | 91.2 | 216 | Pg | 18:07:31.35 | -0.14 |
| | | | Sg | 07:42.60 | -1.61 |
| ARSA | 97.5 | 330 | Pg | 18:07:32.18 | -0.44 |
| | | | Sg | 07:45.39 | -0.82 |
| PDKS | 100.9 | 242 | iPg | 18:07:33.12 | -0.12 |
| VNDS | 119.9 | 249 | iPn | 18:07:36.46 | -0.12 |
| OBKA | 123.2 | 271 | Pn | 18:07:37.35 | 0.35 |
| | | | Sn | 07:52.99 | -1.02 |
| VISS | 126.9 | 233 | iPn | 18:07:37.27 | -0.19 |
| BOJS | 129.7 | 213 | iPn | 18:07:38.15 | 0.33 |
| MOZS | 133.3 | 261 | iPn | 18:07:38.65 | 0.39 |
| RONA | 135.2 | 5 | Pn | 18:07:38.27 | -0.22 |
| | | | Sn | 07:54.24 | -2.42 |
| CONA | 161.7 | 352 | Pn | 18:07:42.87 | 1.07 |
| MOA | 208.3 | 317 | Pn | 18:07:48.54 | 0.92 |
| | | | Sn | 08:12.57 | -0.33 |
| KBA | 224.3 | 287 | Pn | 18:07:49.82 | 0.21 |
| | | | Sn | 08:16.27 | -0.18 |
| ABNA | 248.7 | 347 | Pn | 18:07:52.83 | 0.19 |
| | | | Sn | 08:22.01 | 0.16 |

Hypocenter Parameters

Földrengés paraméterek

1943.

2021-12-28 time: 7:50:18.89 UTC ML= 1.4
 lat: 46.067N lon: 22.910E h= 0.0 km
 erh= 4.3km erz= 5.7km
 nr= 9 gap=190 rms=0.48
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DEV | 20.5 | 181 | Pg | 7:50:23.01 | | | 0.47 |
| | | | Sg | 50:26.20 | | | 0.81 |
| GZR | 75.6 | 188 | Pg | 7:50:32.33 | | | -0.07 |
| | | | Sg | 50:42.29 | | | -0.64 |
| SIRR | 99.1 | 283 | Pg | 7:50:36.45 | | | -0.14 |
| | | | Sg | 50:50.07 | | | -0.32 |
| BZS | 112.3 | 244 | Pg | 7:50:39.07 | | | 0.13 |
| | | | Sg | 50:51.61 | | | -2.97 |
| VOIR | 180.6 | 113 | Sn | 7:51:11.26 | | | -0.24 |

1944.

2021-12-28 time: 8:54:16.40 UTC ML= 1.5
 lat: 45.995N lon: 22.786E h= 0.0 km
 erh= 2.2km erz= 3.9km
 nr= 10 gap=180 rms=0.40
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| DEV | 15.4 | 144 | Pg | 8:54:18.96 | | | -0.19 |
| | | | Sg | 54:21.79 | | | 0.49 |
| GZR | 66.9 | 181 | Pg | 8:54:28.41 | | | 0.07 |
| | | | Sg | 54:37.46 | | | -0.20 |
| SIRR | 92.1 | 289 | Pg | 8:54:33.19 | | | 0.34 |
| | | | Sg | 54:45.28 | | | -0.41 |
| BZS | 100.1 | 245 | Pg | 8:54:34.55 | | | 0.27 |
| | | | Sg | 54:47.19 | | | -1.04 |
| VOIR | 186.9 | 109 | Pn | 8:54:46.92 | | | 0.19 |
| | | | Sn | 55:09.09 | | | -1.30 |

1945.

2021-12-28 time: 8:57:07.45 UTC ML= 1.5
 lat: 48.578N lon: 20.729E h= 0.0 km
 erh= 2.1km erz= 3.3km
 nr= 15 gap= 90 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 20.9 | 239 | Pg | 8:57:11.71 | | | 0.53 |
| | | | Sg | 57:14.67 | | | 0.59 |
| ABAH | 49.1 | 130 | Pg | 8:57:15.63 | | | -0.60 |
| | | | Sg | 57:23.71 | | | 0.64 |
| PSZ | 96.1 | 220 | Pg | 8:57:25.21 | | | 0.60 |
| | | | Sg | 57:37.01 | | | -0.98 |
| NIE | 98.3 | 342 | Pg | 8:57:26.22 | | | 1.21 |
| | | | Sg | 57:38.47 | | | -0.23 |
| LANS | 112.3 | 305 | Pg | 8:57:27.27 | | | -0.24 |
| | | | Sg | 57:42.39 | | | -0.76 |
| KOLS | 120.2 | 71 | Sg | 8:57:44.35 | | | -1.32 |
| VYHS | 140.1 | 266 | Pn | 8:57:31.69 | | | -0.27 |
| | | | Sn | 57:49.87 | | | -1.20 |
| TRPA | 143.1 | 110 | Pn | 8:57:33.10 | | | 0.77 |
| | | | Sn | 57:49.87 | | | -1.87 |

1946.

2021-12-28 time: 9:40:00.81 UTC ML= 1.8
 lat: 48.793N lon: 21.223E h= 0.0 km
 erh= 3.0km erz= 3.9km
 nr= 13 gap=122 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| ABAH | 55.3 | 179 | Pg | 9:40:10.88 | | | 0.20 |
| | | | Sg | 40:18.62 | | | 0.24 |
| KECS | 64.4 | 238 | Pg | 9:40:13.86 | | | 1.56 |
| | | | Sg | 40:19.82 | | | -1.45 |
| KOLS | 78.6 | 79 | Sg | 9:40:25.30 | | | -0.49 |
| NIE | 96.2 | 316 | Pg | 9:40:17.27 | | | -0.72 |
| | | | Sg | 40:31.02 | | | -0.38 |
| TRPA | 122.1 | 127 | Pg | 9:40:23.54 | | | 0.93 |
| | | | Sg | 40:37.90 | | | -1.71 |
| LANS | 134.5 | 287 | Pn | 9:40:25.04 | | | 0.42 |
| | | | Sn | 40:42.11 | | | -1.08 |
| PSZ | 138.4 | 225 | Pn | 9:40:25.54 | | | 0.44 |
| | | | Sn | 40:43.12 | | | -0.93 |

1947.

2021-12-28 time: 9:53:19.14 UTC ML= 1.6
 lat: 47.966N lon: 16.619E h= 0.0 km
 erh= 3.1km erz= 926km
 nr= 10 gap=141 rms=0.76
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SOP | 31.8 | 188 | Sg | 9:53:29.20 | | | -0.05 |
| RONA | 38.3 | 219 | Pg | 9:53:26.62 | | | 0.65 |
| | | | Sg | 53:31.44 | | | 0.14 |
| CONA | 56.8 | 266 | Pg | 9:53:30.04 | | | 0.76 |
| | | | Sg | 53:36.92 | | | -0.27 |
| MODS | 66.7 | 47 | Pg | 9:53:31.64 | | | 0.59 |
| | | | Sg | 53:40.18 | | | -0.15 |
| ARSA | 114.6 | 226 | Sg | 9:53:53.95 | | | -1.61 |
| KRUC | 122.9 | 352 | Pg | 9:53:40.58 | | | -0.51 |
| | | | Sg | 53:56.35 | | | -1.87 |

1948.

2021-12-28 time: 13:10:06.15 UTC ML= 1.4
 lat: 47.861N lon: 16.038E h= 0.0 km
 erh= 0.7km erz= 1.4km
 nr= 8 gap=122 rms=0.63
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CONA | 15.2 | 299 | Pg | 13:10:09.43 | | | 0.57 |
| | | | Sg | 10:11.54 | | | 0.56 |
| RONA | 26.4 | 133 | Pg | 13:10:11.34 | | | 0.48 |
| | | | Sg | 10:14.96 | | | 0.42 |
| ARSA | 78.2 | 210 | Pg | 13:10:19.88 | | | -0.24 |
| | | | Sg | 10:30.32 | | | -0.69 |
| KRUC | 136.1 | 11 | Pn | 13:10:29.67 | | | -0.49 |
| | | | Sn | 10:46.79 | | | -2.09 |

1949.

2021-12-28 time: 21:38:03.19 UTC ML= 1.4
 lat: 45.835N lon: 22.117E h= 8.3 km
 erh= 2.3km erz= 3.0km
 nr= 11 gap=103 rms=0.66
 Locality: Romania
 Comments:

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BZS | 45.9 | 238 | Pg | 21:38:11.52 | -0.01 |
| | | | Sg | 38:16.90 | -1.12 |
| SIRR | 59.7 | 324 | Pg | 21:38:14.42 | 0.46 |
| | | | Sg | 38:21.44 | -0.92 |
| DEV | 61.3 | 85 | Sg | 21:38:22.94 | 0.09 |
| GZR | 71.1 | 134 | Pg | 21:38:16.59 | 0.61 |
| | | | Sg | 38:25.26 | -0.68 |
| BANR | 91.6 | 237 | Sg | 21:38:32.26 | -0.18 |
| DRGR | 115.8 | 23 | Pn | 21:38:24.39 | 0.79 |
| | | | Sn | 38:38.06 | -1.45 |
| AMBH | 121.9 | 298 | Sn | 21:38:41.00 | 0.13 |

1950.

2021-12-29 time: 8:07:38.85 UTC ML= 1.5
 lat: 47.129N lon: 18.105E h= 0.0 km
 erh= 1.3km erz= 2.6km
 nr= 23 gap= 69 rms=0.55
 Locality: Öskü
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 15.4 | 340 | Pg | 8:07:41.45 | -0.16 |
| | | | Sg | 07:43.63 | -0.13 |
| CSKK | 28.6 | 24 | Pg | 8:07:44.03 | 0.07 |
| TIH | 30.1 | 212 | Pg | 8:07:44.66 | 0.43 |
| | | | Sg | 07:48.26 | -0.16 |
| PKSG | 36.4 | 36 | Pg | 8:07:45.57 | 0.22 |
| | | | Sg | 07:50.55 | 0.13 |
| MPLH | 43.1 | 276 | Pg | 8:07:46.54 | -0.02 |
| | | | Sg | 07:52.31 | -0.26 |
| PKS9 | 61.7 | 168 | Pg | 8:07:50.32 | 0.45 |
| PKB1 | 64.8 | 126 | Pg | 8:07:50.60 | 0.17 |
| | | | Sg | 07:59.51 | 0.05 |
| PKB5 | 76.4 | 141 | Pg | 8:07:53.58 | 1.09 |
| MORH | 109.5 | 158 | Pg | 8:07:58.46 | 0.04 |
| | | | Sg | 08:12.00 | -1.67 |
| PKSM | 109.9 | 158 | Pg | 8:07:58.26 | -0.22 |
| | | | Sg | 08:12.08 | -1.70 |
| PENC | 115.3 | 50 | Sg | 8:08:14.08 | -1.41 |
| KOVH | 115.6 | 180 | Pg | 8:07:59.30 | -0.21 |
| | | | Sg | 08:14.08 | -1.53 |
| PSZ | 160.9 | 57 | Sn | 8:08:26.52 | -0.55 |
| VYHS | 161.4 | 20 | Pn | 8:08:06.69 | 0.68 |
| | | | Sn | 08:26.95 | -0.24 |

1951.

2021-12-29 time: 13:44:08.73 UTC ML= 1.2
 lat: 47.873N lon: 16.058E h= 0.0 km
 erh= 3.4km erz= 6.2km
 nr= 8 gap= 82 rms=0.83
 Locality: Austria
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 15.9 | 293 | Pg | 13:44:12.19 | 0.62 |
| | | | Sg | 44:14.20 | 0.42 |
| RONA | 26.3 | 137 | Pg | 13:44:14.00 | 0.57 |
| | | | Sg | 44:17.62 | 0.53 |
| ARSA | 80.1 | 210 | Sg | 13:44:32.48 | -1.71 |
| SMOL | 124.3 | 55 | Sg | 13:44:47.50 | -0.75 |
| KRUC | 134.5 | 11 | Pn | 13:44:32.48 | -0.05 |
| | | | Sn | 44:49.25 | -1.85 |

1952.

2021-12-30 time: 4:39:31.52 UTC ML= 1.2
 lat: 45.734N lon: 21.552E h= 11.6 km
 erh= 7.3km erz= 4.2km
 nr= 6 gap=209 rms=0.64
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BZS | 14.0 | 159 | Pg | 4:39:34.70 | -0.07 |
| | | | Sg | 39:36.78 | -0.53 |
| SIRR | 59.8 | 8 | Pg | 4:39:42.83 | 0.42 |
| | | | Sg | 39:50.18 | -0.72 |
| GZR | 102.9 | 112 | S* | 4:40:03.94 | -0.17 |
| DRGR | 147.7 | 37 | Sn | 4:40:16.73 | 2.56 |

1953.

2021-12-30 time: 9:47:42.19 UTC ML= 1.3
 lat: 46.142N lon: 18.032E h= 0.0 km
 erh= 2.7km erz= 4.3km
 nr= 17 gap=135 rms=0.81
 Locality: Hetvehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KOVH | 7.9 | 139 | Pg | 9:47:43.78 | 0.17 |
| | | | Sg | 47:44.63 | -0.09 |
| PKSV | 32.9 | 149 | Pg | 9:47:48.40 | 0.33 |
| | | | Sg | 47:52.11 | -0.55 |
| PKSM | 47.7 | 81 | Pg | 9:47:50.91 | 0.20 |
| | | | Sg | 47:56.17 | -1.19 |
| MORH | 48.0 | 80 | Pg | 9:47:50.91 | 0.15 |
| | | | Sg | 47:56.02 | -1.43 |
| PKS9 | 53.0 | 21 | Sg | 9:47:59.19 | 0.15 |
| PKB5 | 74.0 | 47 | Pg | 9:47:57.09 | 1.69 |
| | | | Sg | 48:07.65 | 1.95 |
| PKB1 | 92.3 | 39 | Pg | 9:47:58.82 | 0.15 |
| | | | Sg | 48:10.16 | -1.36 |
| MPLH | 120.4 | 342 | Sg | 9:48:20.25 | -0.20 |
| PKST | 124.2 | 0 | Sg | 9:48:20.95 | -0.72 |
| KOGS | 141.4 | 284 | Sn | 9:48:25.47 | -0.63 |
| PKSG | 141.6 | 11 | Sn | 9:48:25.27 | -0.88 |

1954.

2021-12-30 time: 10:11:45.11 UTC ML= 1.7
 lat: 46.078N lon: 22.641E h= 0.0 km
 erh= 3.2km erz= 979km
 nr= 9 gap=133 rms=0.73
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| DEV | 29.7 | 137 | Pg | 10:11:50.91 | 0.50 |
| | | | Sg | 11:55.07 | 0.53 |
| GZR | 76.8 | 172 | Pg | 10:11:58.84 | 0.02 |
| | | | Sg | 12:07.78 | -1.74 |
| SIRR | 78.7 | 286 | Pg | 10:11:59.74 | 0.58 |
| | | | Sg | 12:10.59 | 0.47 |
| DRGR | 79.5 | 4 | Sg | 10:12:08.98 | -1.41 |
| BZS | 94.7 | 237 | Pg | 10:12:02.15 | 0.14 |
| | | | Sg | 12:14.10 | -1.10 |

1955.

2021-12-30 time: 11:06:44.79 UTC ML= 1.8
 lat: 45.961N lon: 22.662E h= 0.0 km
 erh= 1.9km erz= 4.7km
 nr= 14 gap= 73 rms=0.66
 Locality: Romania
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| DEV | 20.6 | 115 | Pg | 11:06:48.45 | -0.02 |
| | | | Sg | 06:51.02 | -0.32 |
| GZR | 63.7 | 172 | Pg | 11:06:56.88 | 0.71 |
| | | | Sg | 07:04.21 | -0.83 |
| SIRR | 84.7 | 294 | Pg | 11:07:00.90 | 0.99 |
| | | | Sg | 07:11.41 | -0.30 |
| BZS | 89.9 | 245 | Pg | 11:07:00.50 | -0.34 |
| | | | Sg | 07:11.74 | -1.61 |
| DRGR | 92.4 | 2 | Pg | 11:07:01.71 | 0.41 |

Hypocenter Parameters

Földrengés paraméterek

Sg 07:13.41 -0.77
 CJR 110.4 41 Pg 11:07:04.53 0.02
 Sg 07:18.86 -1.03
 VOIR 194.8 107 Pn 11:07:17.05 0.93
 Sn 07:40.25 -0.31

1956.

2021-12-30 time: 18:02:59.65 UTC ML= 1.0
 lat: 47.808N lon: 16.191E h= 14.1 km
 erh= 1.9km erz= 1.5km
 nr= 12 gap=110 rms=0.45
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| RONA | 14.4 | 147 | Pg | 18:03:03.26 | | | 0.01 |
| | | | Sg | 03:05.62 | | | -0.43 |
| CONA | 28.1 | 299 | Pg | 18:03:05.92 | | | 0.66 |
| | | | Sg | 03:09.74 | | | 0.10 |
| SOP | 30.8 | 117 | Pg | 18:03:05.79 | | | 0.09 |
| WINA | 34.5 | 345 | Pg | 18:03:06.28 | | | -0.02 |
| | | | Sg | 03:10.69 | | | -0.80 |
| ARSA | 79.8 | 219 | Sg | 18:03:24.95 | | | -0.46 |
| ABNA | 111.2 | 330 | Pn | 18:03:18.43 | | | -0.32 |
| | | | Sn | 03:31.23 | | | -2.41 |
| KRUC | 140.3 | 6 | Pn | 18:03:22.99 | | | 0.62 |
| | | | Sn | 03:39.81 | | | -0.28 |

1957.

2021-12-30 time: 23:45:26.46 UTC ML= 0.7
 lat: 47.586N lon: 17.923E h= 13.4 km
 erh= 1.2km erz= 2.9km
 nr= 8 gap=234 rms=0.11
 Locality: Tárkány
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| CSKK | 35.5 | 134 | Sg | 23:45:38.44 | | | -0.08 |
| PKST | 37.3 | 167 | Pg | 23:45:33.52 | | | -0.02 |
| | | | Sg | 45:38.95 | | | -0.11 |
| PKSG | 41.3 | 121 | Pg | 23:45:34.28 | | | 0.07 |
| | | | Sg | 45:40.41 | | | 0.15 |
| EGYH | 48.3 | 247 | Sg | 23:45:42.31 | | | -0.09 |
| MPLH | 54.6 | 212 | Pg | 23:45:36.42 | | | -0.07 |
| | | | Sg | 45:44.65 | | | 0.34 |

1958.

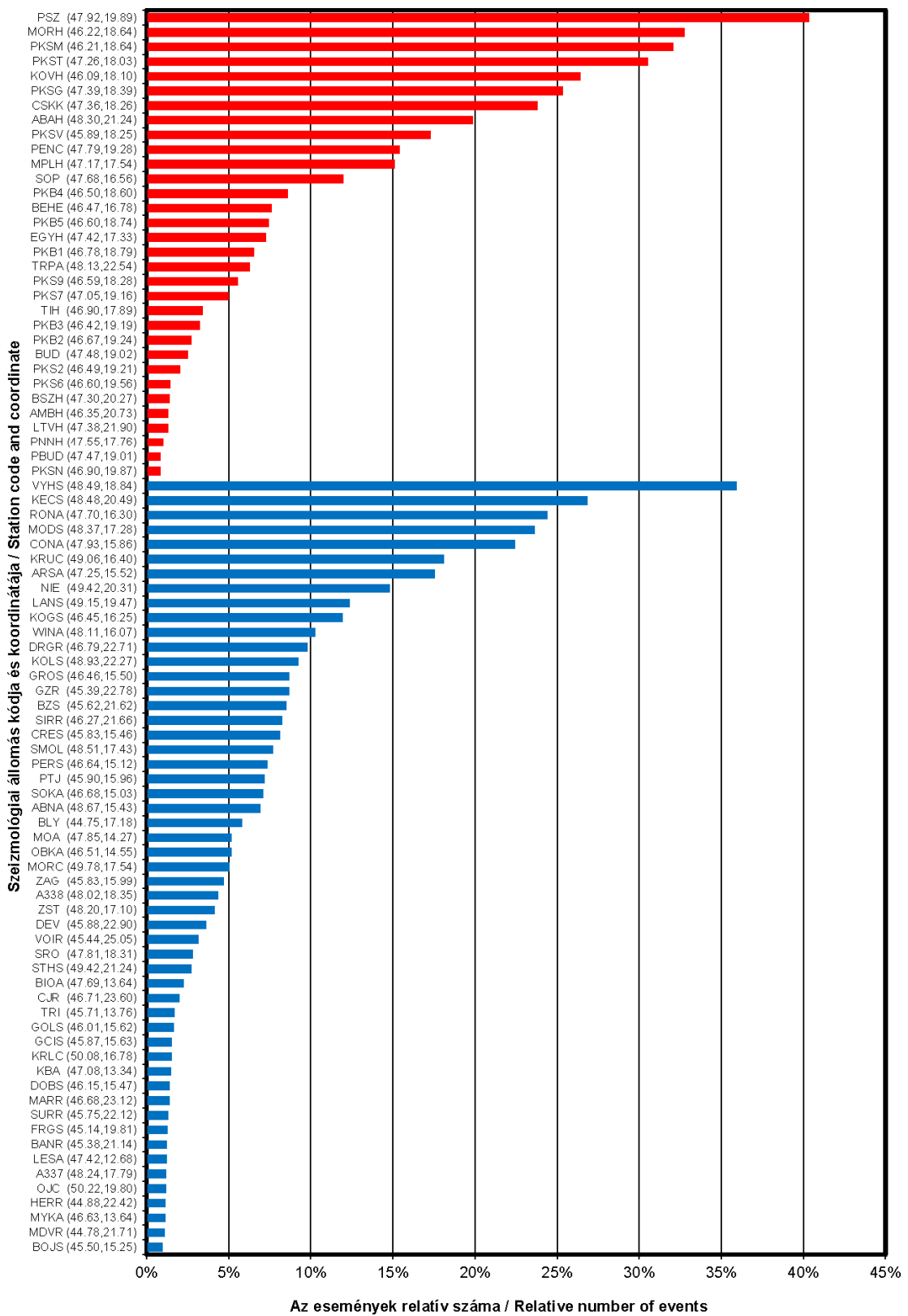
2021-12-31 time: 2:45:40.35 UTC ML= 0.2
 lat: 47.581N lon: 17.920E h= 14.2 km
 erh= 1.1km erz= 5.9km
 nr= 7 gap=161 rms=0.19
 Locality: Tárkány
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| CSKK | 35.3 | 133 | Sg | 2:45:52.66 | | | 0.21 |
| PKST | 36.8 | 166 | Pg | 2:45:47.39 | | | -0.01 |
| | | | Sg | 45:52.87 | | | -0.03 |
| SRO | 39.3 | 49 | Sg | 2:45:53.45 | | | -0.17 |
| PKSG | 41.3 | 121 | Sg | 2:45:54.37 | | | 0.15 |
| EGYH | 47.9 | 248 | Sg | 2:45:56.43 | | | 0.21 |
| MPLH | 53.9 | 212 | Sg | 2:45:57.62 | | | -0.46 |

1959.

2021-12-31 time: 5:36:47.93 UTC ML= 1.3
 lat: 47.765N lon: 18.116E h= 7.7 km
 erh= 1.3km erz= 1.4km
 nr= 23 gap= 65 rms=0.62
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SRO | 15.8 | 70 | Pg | 5:36:51.36 | | | 0.30 |
| | | | Sg | 36:53.79 | | | 0.28 |
| CSKK | 46.0 | 166 | Pg | 5:36:56.54 | | | 0.29 |
| | | | Sg | 37:02.12 | | | -0.62 |
| PKSG | 46.3 | 153 | Pg | 5:36:56.28 | | | -0.04 |
| | | | Sg | 37:02.44 | | | -0.42 |
| PKST | 56.6 | 186 | Pg | 5:36:58.32 | | | 0.20 |
| | | | Sg | 37:05.47 | | | -0.60 |
| EGYH | 70.5 | 237 | Sg | 5:37:10.15 | | | -0.32 |
| MPLH | 79.1 | 213 | Pg | 5:37:01.95 | | | -0.17 |
| | | | Sg | 37:14.41 | | | 1.22 |
| PENC | 87.4 | 88 | Sg | 5:37:16.20 | | | 0.37 |
| MODS | 92.1 | 317 | Pg | 5:37:05.26 | | | 0.82 |
| | | | Sg | 37:16.42 | | | -0.90 |
| VYHS | 97.2 | 33 | Pg | 5:37:05.11 | | | -0.24 |
| | | | Sg | 37:16.88 | | | -2.05 |
| SMOL | 97.7 | 328 | Sg | 5:37:18.19 | | | -0.91 |
| SOP | 117.2 | 266 | Sn | 5:37:24.00 | | | -0.71 |
| PKB1 | 120.4 | 155 | Sn | 5:37:24.46 | | | -0.97 |
| PSZ | 134.2 | 83 | Sn | 5:37:28.46 | | | -0.04 |
| RONA | 136.7 | 267 | Sn | 5:37:29.80 | | | 0.76 |
| MORH | 176.8 | 167 | Sn | 5:37:39.47 | | | 1.52 |
| PKSM | 177.2 | 167 | Sn | 5:37:39.17 | | | 1.14 |



3.4. ábra Az egyes állomások részvétele a hipocentrum meghatározásban

Figure 3.4. Participation of individual stations in hypocentre definition

4.

JELENTŐS FÖLDRENGÉSEK 2021-BEN (Magyarországon érezhető földrengések)

| | | |
|----------------------|---|--------------|
| 2021. január 6. | – | Horvátország |
| 2021. január 9. | – | Horvátország |
| 2021. március 2. | – | Nagykanizsa |
| 2021. március 30. | – | Ausztria |
| 2021. április 19. | – | Ausztria |
| 2021. szeptember 18. | – | Répcelak |
| 2021. október 27. | – | Ukrajna |

AZ INTENZITÁS ELOSZLÁS MEGHATÁROZÁSA

A Magyarországon érezhető földrengések intenzitás eloszlását a ShakeMap program segítségével modelleztük.

Az érezhető intenzitás leírása az *Európai Makroszeizmikus Skála (EMS)* szerint történik, mely részletesen megtalálható Grünthal (1998) munkájában.

A *műszeres intenzitást (MIS)* a rengés hipocentrum adataiból számítjuk, figyelembe véve az egyes állomásokon mért talajmozgás amplitúdókat, a távolság szerinti csillapodást és a lokális geológiai hatást (Vs30).

(Lásd *A Melléklet*)

4.

SIGNIFICANT EARTHQUAKES IN 2021 (Earthquakes felt in Hungary)

| | | |
|-------------------|---|-------------|
| 6 January 2021 | – | Croatia |
| 9 January 2021 | – | Croatia |
| 2 March 2021 | – | Nagykanizsa |
| 30 March 2021 | – | Austria |
| 19 April 2021 | – | Austria |
| 18 September 2021 | – | Répcelak |
| 27 October 2021 | – | Ukraine |

METHOD USED FOR ESTIMATION OF INTENSITY

Intensity distribution of earthquakes felt in Hungary has been calculated by ShakeMap program.

The assigned felt intensities correspond to the *European Macroseismic Scale 1998 (EMS)* edited by Grünthal (1998).

The *instrumental intensity (IIS)* is calculated from the data of the hypocentre of the earthquake, taking into account the amplitudes of soil movement measured at each station, the attenuation by distance, and the local geological effects (V_{s30}).

(See *Appendix A*)

2021. január 6. - Horvátország / 6 January 2021 - Croatia**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|-----------------------------------|
| Dátum / Date: | 2021/01/06 |
| Kipattanási idő / Origin Time: | 17:01:42.9 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 45.43 N 16.30 E (kívül / outside) |
| Mélység / Depth: | 8.8 km |
| Magnitúdó / Magnitude: | 5.4 M _L |
| Maximális intenzitás / Maximum Intensity: | 5 (MIS/IIS) |

LEÍRÁS

A 2020. december 29-i petrinjai (Horvátország) 6.5 magnitúdójú nagy földrengést több száz kisebb-nagyobb utóregés követte. Január 6-án este 5.4 M_L magnitúdójú földrengés pattant ki. A rengés gyengén érezhető volt Magyarországon is a határ közelében. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.

A rengés számított intenzitás eloszlását a 4.1. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 44290 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 3660 km²

$I \geq 5$ (mérsékelt érzhetőség, csekély kár) becsült területe 180 km²

DISCUSSION

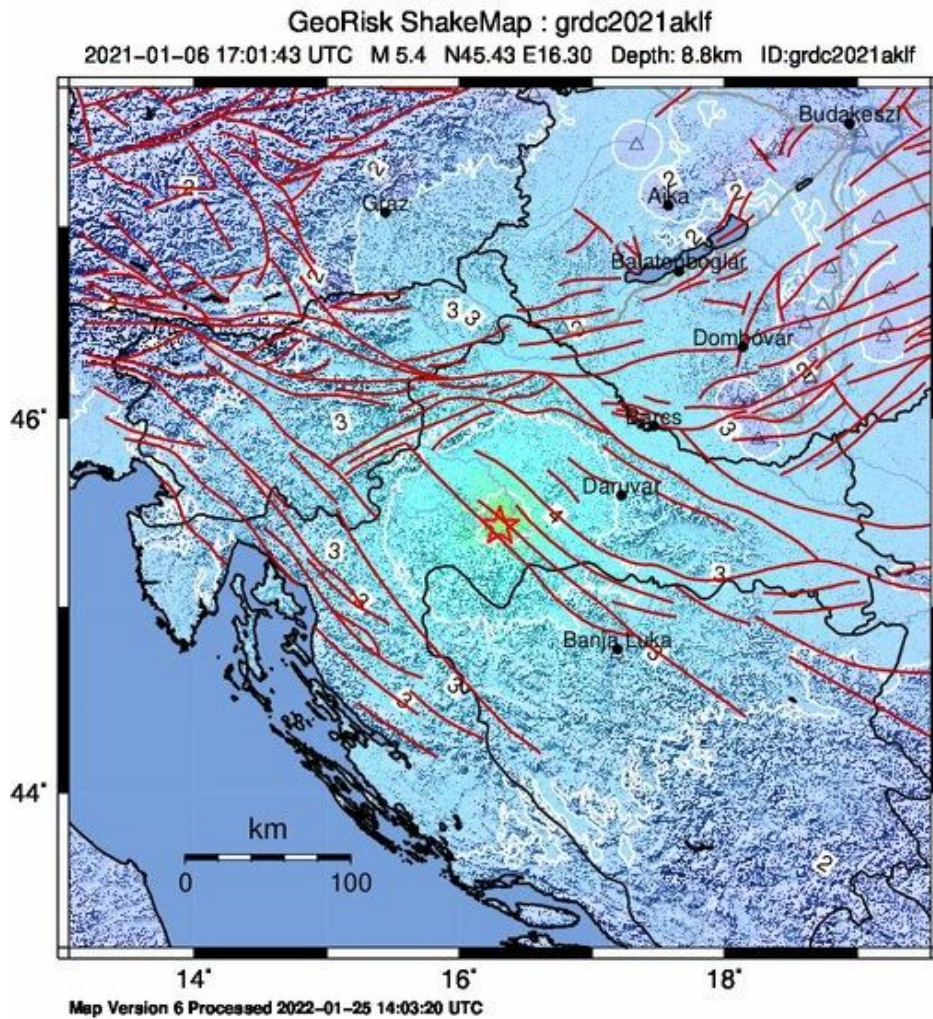
The magnitude 6.5 earthquake in Petrinja, Croatia, on December 29, 2020, was followed by hundreds of major and minor aftershocks. On the evening January 6, a 5.4 M_L magnitude earthquake occurred. The quake was also slightly felt in Hungary near the border. In the area of the epicenter, the intensity reached 5 degrees according to IIS.

Calculated intensity distribution of the event is shown in Figure 4.1.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 44290 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 3660 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate, damage: slight) is about 180 km²



| ÉREZHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.1. ábra A 2021. január 6-i, horvátországi földrengés (17:01 UTC) számított intenzitás eloszlása

Figure 4.1. Instrumental intensity distribution of the Croatia earthquake 6th January 2021 (17:01 UTC)

2021. január 9. - Horvátország / 9 January 2021 - Croatia**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|-----------------------------------|
| Dátum / Date: | 2021/01/09 |
| Kipattanási idő / Origin Time: | 21:29:09.4 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 45.35 N 16.36 E (kívül / outside) |
| Mélység / Depth: | 7.6 km |
| Magnitúdó / Magnitude: | 4.8 ML |
| Maximális intenzitás / Maximum Intensity: | 5 (MIS/IIS) |

LEÍRÁS

Január 9-én este újabb 4.8 ML magnitúdójú földrengés pattant ki Horvátországban. A rengés gyengén érezhető volt Magyarországon is a határ közelében. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.

A rengés számított intenzitás eloszlását a 4.2. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 15360 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 1770 km²

$I \geq 5$ (mérsékelt érzhetőség, csekély kár) becsült területe 160 km²

DISCUSSION

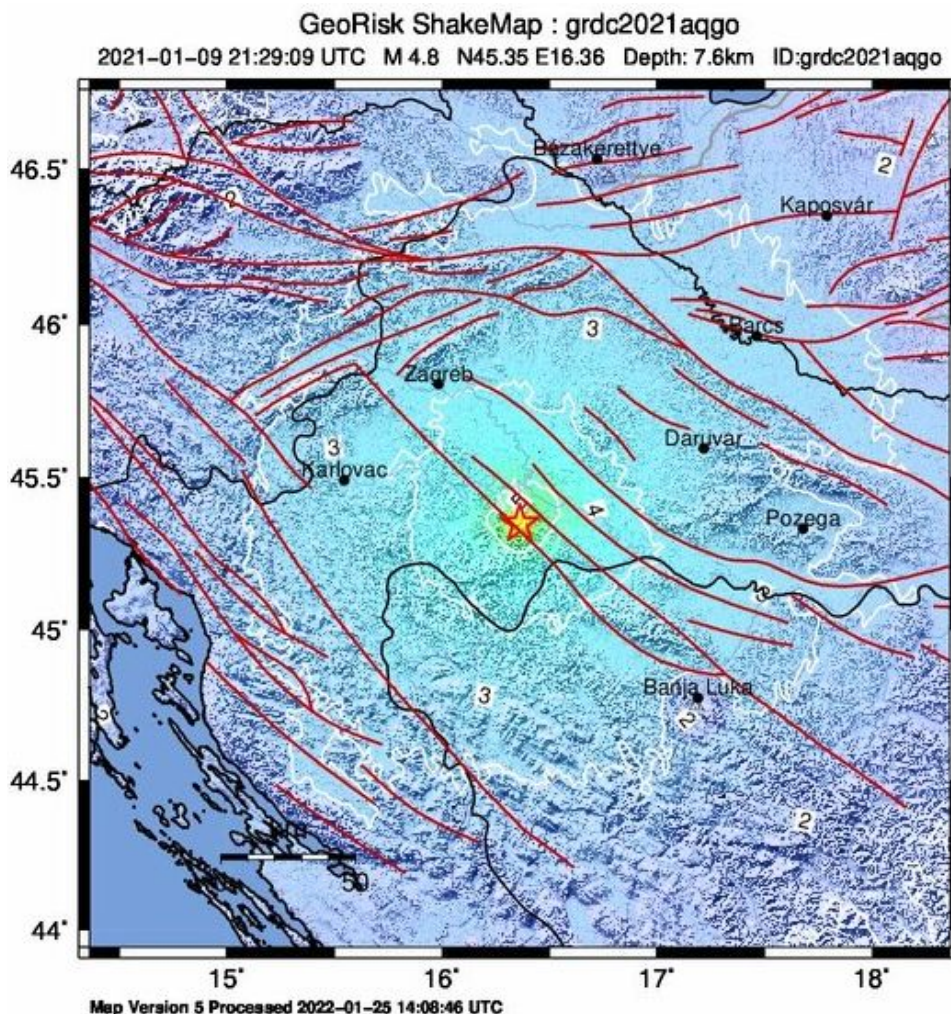
On the evening January 9, another 4.8 ML magnitude earthquake occurred in Croatia. The quake was slightly felt in Hungary near the border. In the area of the epicenter, the intensity reached 5 degrees according to IIS.

Calculated intensity distribution of the event is shown in Figure 4.2.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 15360 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 1770 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate, damage: slight) is about 160 km²



| ÉREZHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.2. ábra A 2021. január 9-i, horvátországi földrengés (21:29 UTC) számított intenzitás eloszlása

Figure 4.2. Instrumental intensity distribution of the Croatia earthquake 9th January 2021 (21:29 UTC)

2021. március 2. - Nagykanizsa / 2 March 2021 - Nagykanizsa**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2021/03/02 |
| Kipattanási idő / Origin Time: | 03:12:28.26 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 46.454 N 16.914 E (S.D. 1.3 km) |
| Mélység / Depth: | 13.7 km (S.D. 1.1 km) |
| Magnitúdó / Magnitude: | 2.6 ML |
| Maximális intenzitás / Maximum Intensity: | 3 (MIS/IIS) |

LEÍRÁS

Március hónapban tucatnyi kisebb földrengés keletkezett Zala megyében, Nagykanizsa közelében, melyek közül március 2-án éjjel egy 2.6 M_L magnitúdójú rengés enyhén érezhető volt Sormás település környékén. Az epicentrum térségében az intenzitás elérte a 3 fokot a MIS szerint.

A rengés számított intenzitás eloszlását a 4.3. ábra mutatja.

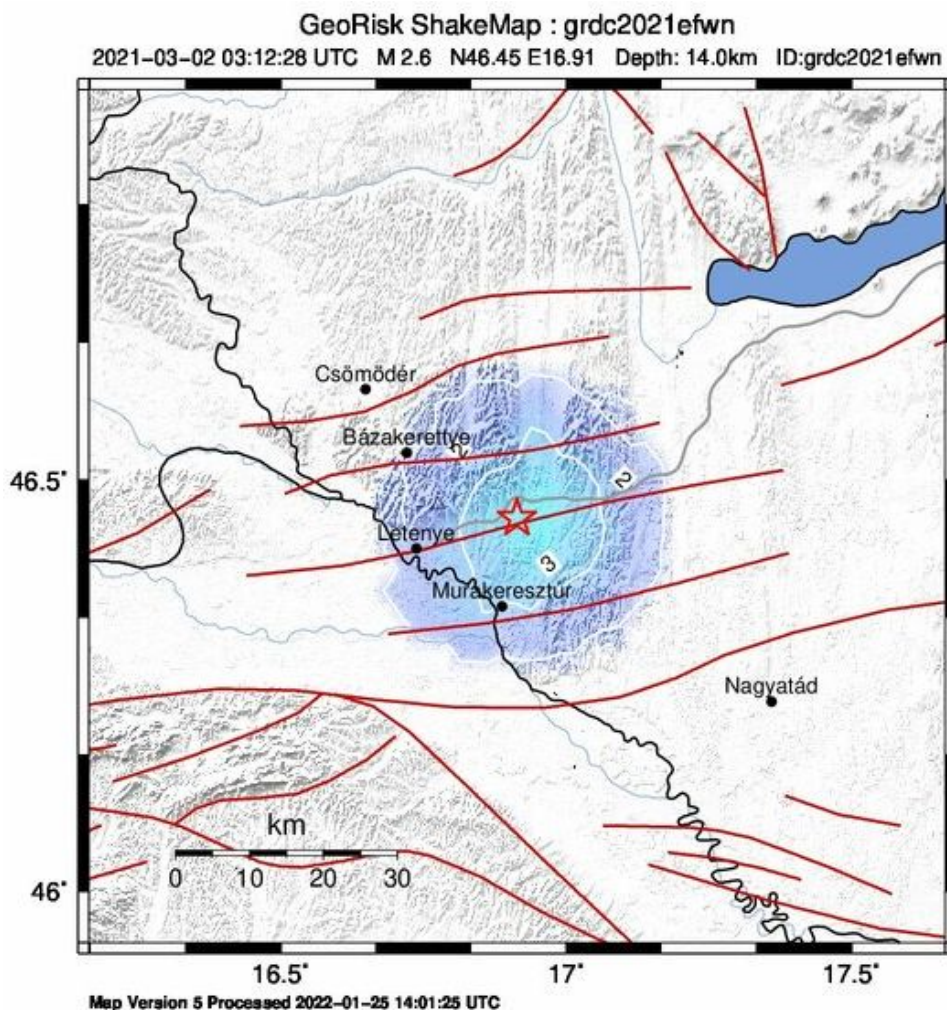
$I \geq 3$ (gyenge érzékettség) becsült területe 100 km²

DISCUSSION

In March, dozens of minor earthquakes occurred in Zala County, near Nagykanizsa. Of these, a quake of magnitude 2.6 ML was slightly felt around Sormás on the night of March 2. In the area of the epicenter, the intensity reached 3 degrees according to IIS.

Calculated intensity distribution of the event is shown in Figure 4.3.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 100 km²



| ÉREZHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.3. ábra A 2021. március 2-i, nagykanizsai földrengés (03:12 UTC) számított intenzitás eloszlása

Figure 4.3. Instrumental intensity distribution of the Nagykanizsa earthquake 23rd March 2021 (03:12 UTC)

2021. március 30. - Ausztria / 30 March 2021 - Austria**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2021/03/30 |
| Kipattanási idő / Origin Time: | 16:25:01.12 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 47.773 N 16.193 E (S.D. 0.7 km) |
| Mélység / Depth: | 10.6 km (S.D. 0.9 km) |
| Magnitúdó / Magnitude: | 4.3 ML |
| Maximális intenzitás / Maximum Intensity: | 5 (MIS/IIS) |

LEÍRÁS

A Bécsi-medencében közel száz kis-közepes földrengést mértünk ebben az évben is, elsősorban Bécsújhely környékén. Március 30-án délután 4.3 ML magnitúdójú földrengés pattant ki, mely enyhén érezhető volt Magyarország nyugati területén is. Az epicentrum térségében az intenzitás elérte az 5 fokot a MIS szerint.

A rengés számított intenzitás eloszlását a 4.4. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becült területe 2720 km²

$I \geq 4$ (enyhe érzhetőség) becült területe 290 km²

$I \geq 5$ (mérsékelt érzhetőség, csekély kár) becült területe 15 km²

DISCUSSION

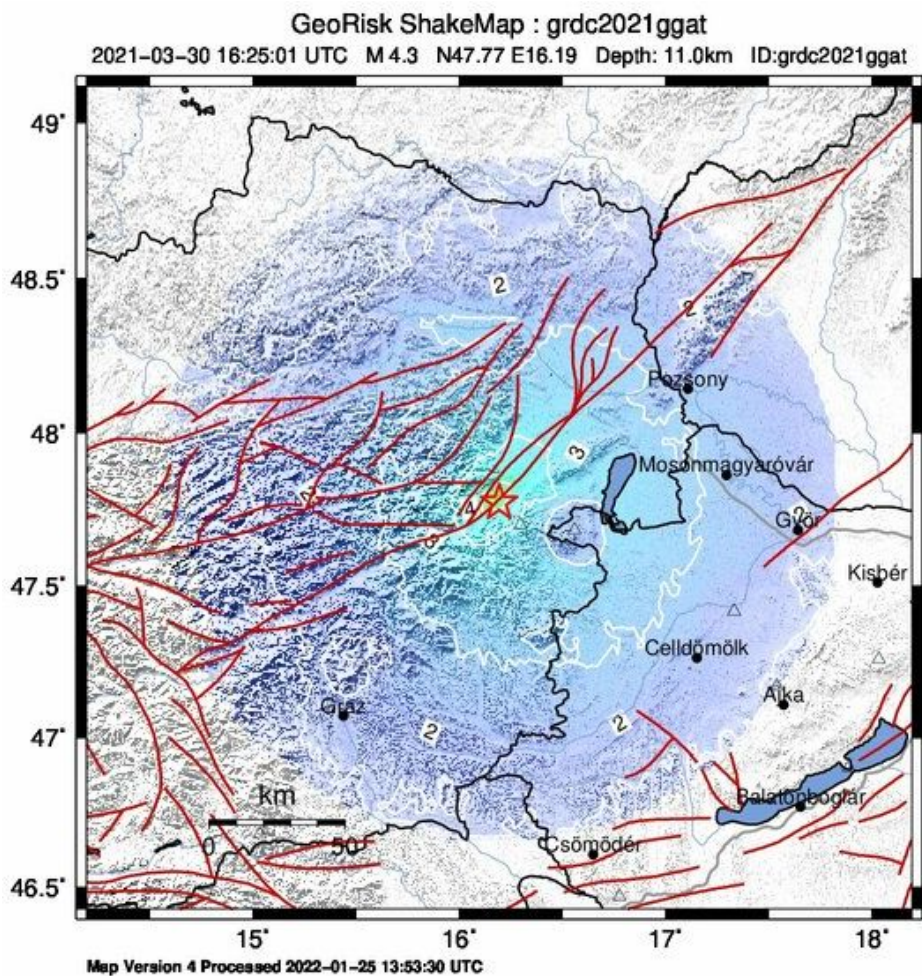
In the Vienna Basin, we measured almost a hundred small-medium earthquakes this year as well, mainly in the vicinity of Wiener Neustadt. On the afternoon of March 30, an earthquake of magnitude 4.3 ML broke out, which was also slightly felt in the western part of Hungary. In the area of the epicenter, the intensity reached 5 degrees according to IIS.

Calculated intensity distribution of the event is shown in Figure 4.4.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 2720 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 290 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate, damage: slight) is about 15 km²



| ÉREZHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.4. ábra A 2021. március 30-i, ausztriai földrengés (16:25 UTC) számított intenzitás eloszlása

Figure 4.4. Instrumental intensity distribution of the Austria earthquake 30th March 2021 (16:25 UTC)

2021. április 19. - Ausztria / 19 April 2021 - Austria**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2021/04/19 |
| Kipattanási idő / Origin Time: | 22:57:11.97 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 47.780 N 16.201 E (S.D. 0.6 km) |
| Mélység / Depth: | 10.9 km (S.D. 0.7 km) |
| Magnitúdó / Magnitude: | 4.2 ML |
| Maximális intenzitás / Maximum Intensity: | 4 (MIS/IIS) |

LEÍRÁS

Április 19-én éjjel újabb érezhető földrengést jelentettek Bécsújhely környékéről. Egy 4.2 ML magnitúdójú földrengés pattant ki, mely enyhén érezhető volt Magyarország nyugati területén is. Az epicentrum térségében az intenzitás elérte a 4 fokot a MIS szerint.

A rengés számított intenzitás eloszlását a 4.5. ábra mutatja.

$I \geq 3$ (gyenge érezhetőség) becsült területe 500 km²

$I \geq 4$ (enyhe érezhetőség) becsült területe 70 km²

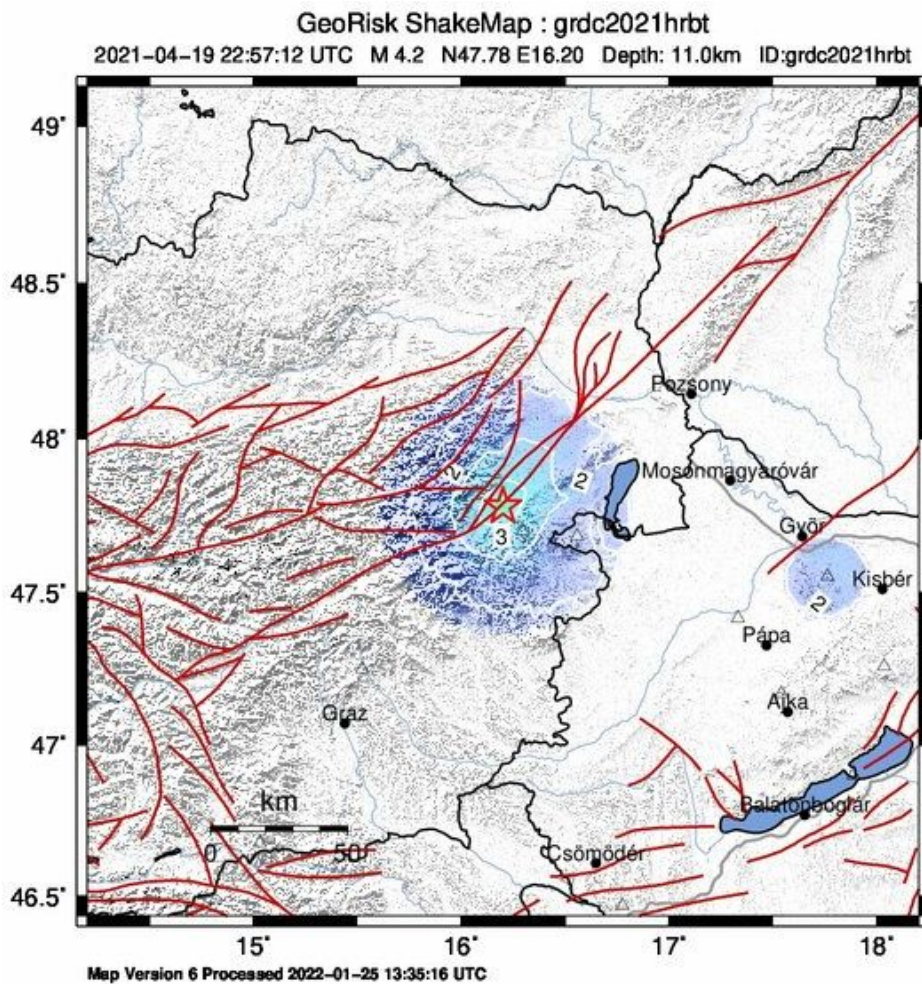
DISCUSSION

On the night of April 19, another felt earthquake was reported from the vicinity of Wiener Neustadt. A 4.2 ML magnitude earthquake occurred, which was also slightly felt in the western part of Hungary. In the area of the epicenter, the intensity reached 4 degrees according to IIS.

Calculated intensity distribution of the event is shown in Figure 4.5.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 500 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 70 km²



| ÉRZEHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.5. ábra A 2021. április 19-i, ausztriai földrengés (22:57 UTC) számított intenzitás eloszlása

Figure 4.5. Instrumental intensity distribution of the Austria earthquake 19th April 2021 (22:57 UTC)

2021. szeptember 18. - Répcelak / 18 September 2021 - Répcelak**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2021/09/18 |
| Kipattanási idő / Origin Time: | 03:07:03.84 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 47.424 N 16.896 E (S.D. 1.2 km) |
| Mélység / Depth: | 7.7 km (S.D. 1.2 km) |
| Magnitúdó / Magnitude: | 2.8 ML |
| Maximális intenzitás / Maximum Intensity: | 4 (MIS/IIS) |

LEÍRÁS

Szeptember 18-án, néhány órán belül négy kisebb földrengés volt Répcelak közelében, melyek közül a legnagyobb 2.8 M_L magnitúdójú. A rengést néhányan érezték, intenzitása 4 MIS fokra becsülhető az epicentrum környezetében. A földrengés csak nagyon kis területen volt érezhető.

A rengés számított intenzitás eloszlását a 4.6. ábra mutatja.

$I \geq 3$ (gyenge érezhetőség) becsült területe 540 km²

$I \geq 4$ (enyhe érezhetőség) becsült területe 75 km²

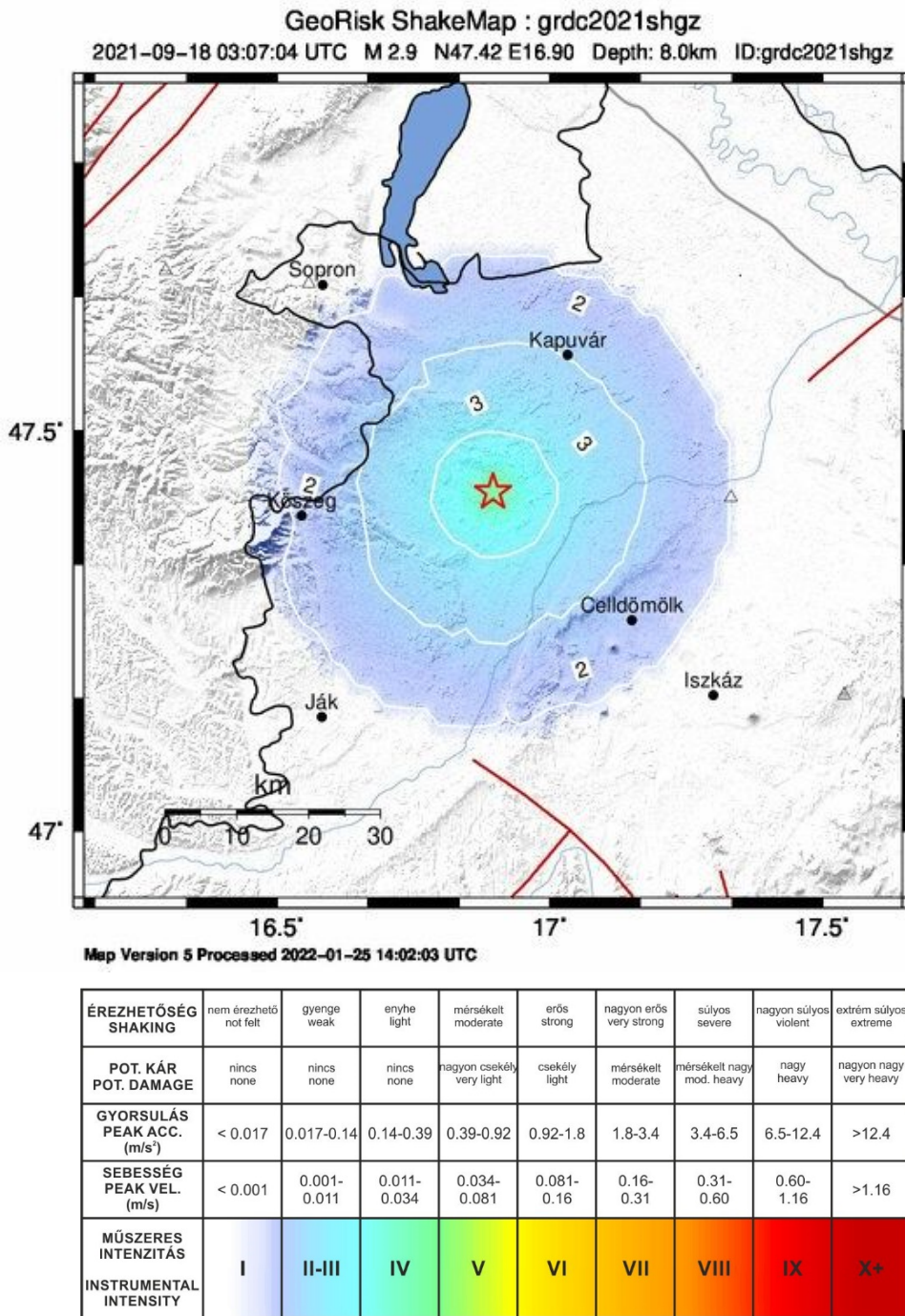
DISCUSSION

On September 18, within a few hours, there were four minor earthquakes near Répcelak, the largest of which had a magnitude of 2.8 M_L . The quake was felt by some, and its intensity can be estimated at 4 degrees on the IIS in the vicinity of the epicenter. The earthquake was felt only in a very small area.

Calculated intensity distribution of the event is shown in Figure 4.6.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 540 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 75 km²



4.6. ábra A 2021. szeptember 18-i, répcelaki földrengés (03:07 UTC) számított intenzitás eloszlása

Figure 4.6. Instrumental intensity distribution of the Répcelak earthquake 18th September 2021 (03:07 UTC)

2021. október 27. - Ukrajna / 27 October 2021 - Ukraine**FÉSZÉKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2021/10/27 |
| Kipattanási idő / Origin Time: | 01:44:58.11 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.140 N 22.945 E (S.D. 1.5 km) |
| Mélység / Depth: | 12.3 km (S.D. 2.1 km) |
| Magnitúdó / Magnitude: | 3.2 ML |
| Maximális intenzitás / Maximum Intensity: | 4 (MIS/IIS) |

LEÍRÁS

Október 27-én éjjel 3.2 ML magnitúdójú földrengés keletkezett Kárpátalján (Ukrajna), Nagyszőlős település közelében. A rengést érzékelték néhányan Magyarország területén is, a határ közelében. A rengés intenzitása 4 MIS fokra becsülhető az epicentrum környezetében. A földrengés csak nagyon kis területen volt érezhető.

A rengés számított intenzitás eloszlását a 4.7. ábra mutatja.

$I \geq 3$ (gyenge érzéketőség) becsült területe 630 km²

$I \geq 4$ (enyhe érzéketőség) becsült területe 95 km²

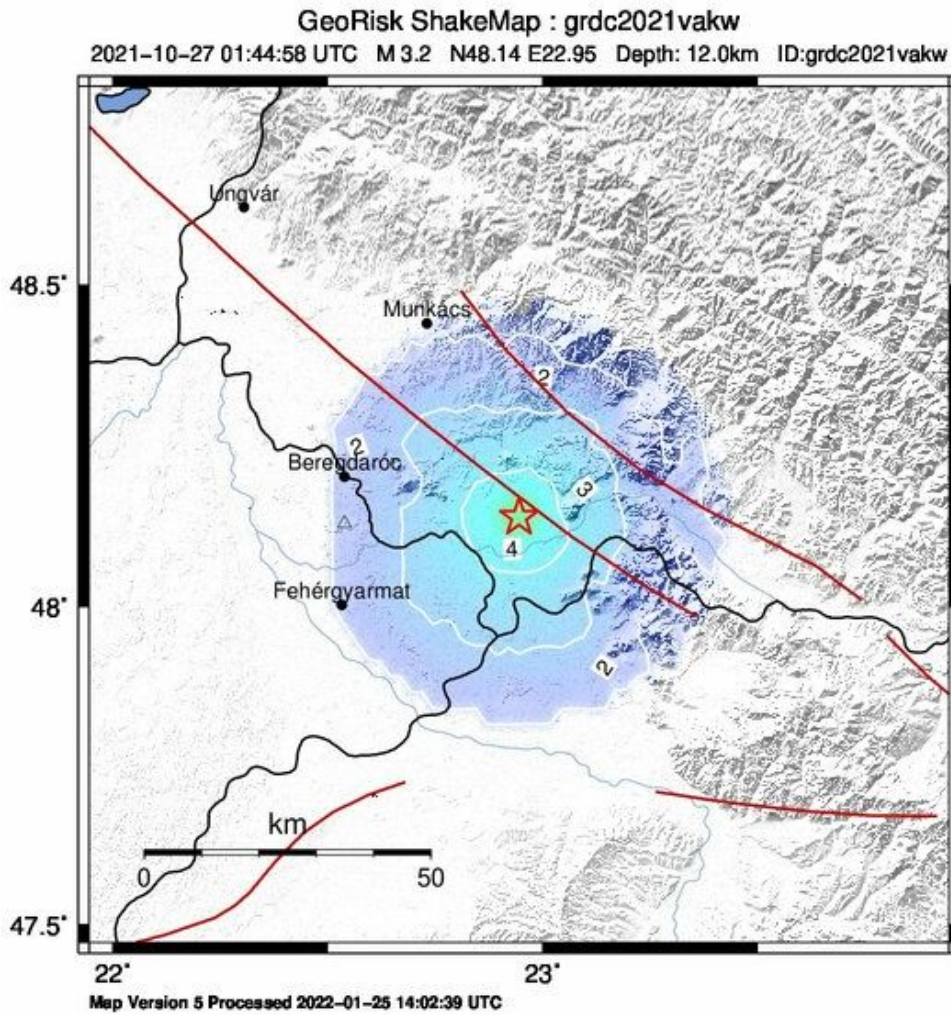
DISCUSSION

On the night of October 27, an earthquake of magnitude 3.2 ML occurred in W Ukraine (Transcarpathia), near the settlement of Nagyszőlős. The quake was also felt by some in Hungary, near the border. The intensity can be estimated at 4 degrees on the IIS in the vicinity of the epicenter. The earthquake was felt only in a very small area.

Calculated intensity distribution of the event is shown in Figure 4.7.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 630 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 95 km²



| ÉREZHETŐSÉG SHAKING | nem érezhető not felt | gyenge weak | enyhe light | mérsékelt moderate | erős strong | nagyon erős very strong | súlyos severe | nagyon súlyos violent | extrém súlyos extreme |
|---|--------------------------|----------------|----------------|------------------------------|------------------|----------------------------|------------------------------|--------------------------|---------------------------|
| POT. KÁR POT. DAMAGE | nincs none | nincs none | nincs none | nagyon csekély very light | csekély light | mérsékelt moderate | mérsékelt nagy mod. heavy | nagy heavy | nagyon nagy very heavy |
| GYORSULÁS PEAK ACC. (m/s ²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

4.7. ábra A 2021. október 27-i, ukrainai földrengés (01:45 UTC) számított intenzitás eloszlása

Figure 4.7. Instrumental intensity distribution of the Ukraine earthquake 27th October 2021 (01:45 UTC)

HIVATKOZÁSOK / REFERENCES

- Grünthal, G. (editor), 1998. European Macroseismic Scale 1998. Conseil de L'Europe, Luxembourg, 1998. pp. 99.
- Lee, W.H.K. and J.C. Lahr, 1975. HYPO71 (Revised): A computer program for determining hypocenter, magnitude, and first motion pattern of local earthquakes. U. S. Geological Survey Open-file report 75-311.
- Mónus, P., 1995. Travel time curves and crustal velocity model for the Pannonian basin. MTA GGKI Technical report
- Reasenber, P.A. and D. Oppenheimer, 1985. FPFIT, FPLOT and FPPAGE: Fortran computer programs for calculating and displaying earthquake fault-plane solutions, USGS Open File Report No. 85-739.
- Tóth, L. and P. Mónus, 1997. The micro-seismic monitoring network of the Paks NPP, in: Seismic Safety of the Paks Nuclear Power Plant, Akadémiai Kiadó, Budapest, 1997, pp. 113-121.
- Tóth, L., P. Mónus, T. Zsíros and M. Kiszely, 2002a. A Pannon-medence szeizmicitása, Földtani Közlöny 132/különszám, 327-337
- Tóth, L., P. Mónus, T. Zsíros and M. Kiszely, 2002b. Seismicity in the Pannonian Region - earthquake data, EGU Stephan Mueller Special Publication Series, 3, 9-28
- Tóth L., Mónus P., Bus Z., Győri E., 2008. Seismicity of the Pannonian Basin, In: E.S. Husebye (ed.), Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries, Springer Verlag, NATO ARW Series, Vol. 81, p. 97-108.
- Worden C. B., M. C. Gerstenberger; D. A. Rhoades; D. J. Wald, 2012. Probabilistic Relationships between Ground-Motion Parameters and Modified Mercalli Intensity in California, *Bulletin of the Seismological Society of America* (2012) 102 (1): 204–221.

A MELLÉKLET

EURÓPAI MAKROSZEIZMIKUS SKÁLA (EMS)

1 ☞ **Nem érezhető**

Nem érezhető, még a legkedvezőbb körülmények között sem.

2 ☞ **Alig érezhető**

A rezgést csak egy-egy, elsősorban fekvő ember érzi, különösen magas épületek felsőbb emeletein.

3 ☞ **Gyenge**

A rezgés gyenge, néhány ember érzi, főleg épületen belül. A fekvő emberek lengést vagy gyenge remegést éreznek.

4 ☞ **Széles körben érezhető**

A rezgést épületen belül sokan érzik, a szabadban kevesen. Néhány ember felébred. A rezgés mértéke nem ijesztő. Ablakok, ajtók, edények megcsörrennek, felfüggesztett tárgyak lengenek.

5 ☞ **Erős**

A rezgést épületen belül a legtöbben érzik, a szabadban csak néhányan. Sok alvó ember felébred, néhányan a szabadba menekülnek. Az egész épület remeg, a felfüggesztett tárgyak nagyon lengenek. Tányérok, poharak összekocognak. A rezgés erős, nehéz tárgyak felborulnak. Ajtók, ablakok kinyílnak vagy bezáródnak. Néhány esetben az ablaküvegek betörhetnek. Néhány vályog- és téglapépület falában hajszálrepedések keletkezhetnek, kisebb vakolatdarabok lehullhatnak.

6 ☞ **Kiseb károk okozó**

Épületen belül szinte mindenki, szabadban sokan érzik. Épületben tartózkodók közül sokan megijednek, és a szabadba menekülnek. Kiseb tárgyak leesnek. Hagyományos épületek közül sokban keletkezik kisebb kár, hajszálrepedés a vakolatban, kisebb vakolatdarabok lehullanak.

7 ☞ **Károk okozó**

A legtöbb ember megrémül, és a szabadba menekül. Bútorok elmozdulnak, a polcokról sok tárgy leesik. Sok hagyományos épület szenved mérsékelt sérülést: kisebb repedések keletkeznek a falakban, kémények ledőlnek.

8 ☞ **Súlyos károk okozó**

Bútorok felborulnak. Sok hagyományos épület megsérül: kémények ledőlnek, a falakban nagy repedések keletkeznek, néhány épület részlegesen összedől.

9 ☞ **Pusztító**

Oszlopok, műemlékek ledőlnek vagy elferdülnek. Sok hagyományos épület részlegesen, néhány teljesen rombadól.

10 ☞ **Nagyon pusztító**

Sok hagyományos épület összedől.

11 ☞ **Elsőprő**

A legtöbb épület összedől.

12 ☞ **Teljesen elsőprő**

Gyakorlatilag minden építmény megsemmisül.

(Részletesen lásd: Grünthal, 1998)

MŰSZERES INTENZITÁS SKÁLA (MIS)

A műszeres intenzitást (MIS) a rengés hipocentrum adataiból számítjuk, figyelembe véve az egyes állomásokon mért talajmozgás amplitúdókat, a távolság szerinti csillapodást és a lokális geológiai hatást (Vs30).

| | | | | | | | | | |
|------------------------------------|--------------|---------------|-------------|----------------|------------|-------------|----------------|---------------|------------------|
| ÉREZHETŐSÉG | nem érezhető | gyenge | enyhe | mérsékelt | erős | nagyon erős | súlyos | nagyon súlyos | különösen súlyos |
| POTENCIÁLIS KÁR | nincs | nincs | nincs | nagyon csekély | csekély | mérsékelt | mérsékelt nagy | nagy | nagyon nagy |
| GYORSULÁS (m/s²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| SEBESSÉG (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| MŰSZERES INTENZITÁS | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

Forrás:

C. B. Worden; M. C. Gerstenberger; D. A. Rhoades; D. J. Wald:

Probabilistic Relationships between Ground-Motion Parameters and Modified Mercalli Intensity in California

Bulletin of the Seismological Society of America (2012) 102 (1): 204–221.

APPENDIX A

EUROPEAN MACROSEISMIC SCALE (EMS)

1 ☞ **Not felt**

Not felt, even the most favourable circumstances.

2 ☞ **Scarcely felt**

Vibration is felt only by individual people at rest in houses, especially on upper floors of buildings.

3 ☞ **Weak**

The vibration is weak and is felt indoors by a few people. People at rest feel a swaying or light trembling.

4 ☞ **Largely observed**

The earthquake is felt indoors by many people, outdoors by very few. A few people are awakened. The level of vibration is not frightening. Windows, doors and dishes rattle. Hanging objects swing.

5 ☞ **Strong**

The earthquake is felt indoors by most, outdoors by few. Many sleeping people awake. A few run outdoors. Buildings tremble throughout. Hanging objects swing considerably. China and glasses clatter together. The vibration is strong. Top heavy objects topple over. Doors and windows swing open or shut. Minor damage e.g. fine cracks may occur in ordinary buildings.

6 ☞ **Slightly damaging**

Felt by most indoors and many outdoors. Many people in buildings are frightened and run outdoors. Small objects fall. Slight damage to many ordinary buildings e.g. fine cracks in plaster and small pieces of plaster fall.

7 ☞ **Damaging**

Most people are frightened and run outdoors. Furniture is shifted and objects fall from shelves in large numbers. Many ordinary buildings suffer moderate damage: small cracks in walls, partial collapse of chimneys.

8 ☞ **Heavily damaging**

Furniture may be overturned. Many ordinary buildings suffer damage: chimneys fall, large cracks appear in walls and few buildings may partially collapse.

9 ☞ **Destructive**

Monuments and columns fall or are twisted. Many ordinary buildings partially collapse and few collapse completely.

10 ☞ **Very destructive**

Many ordinary buildings collapse.

11 ☞ **Devastating**

Most ordinary buildings collapse.

12 ☞ **Completely devastating**

Practically all structures above and below ground are heavily damaged or destroyed.

(For details see Grünthal, 1998)

INSTRUMENTAL INTENSITY SCALE (IIS)

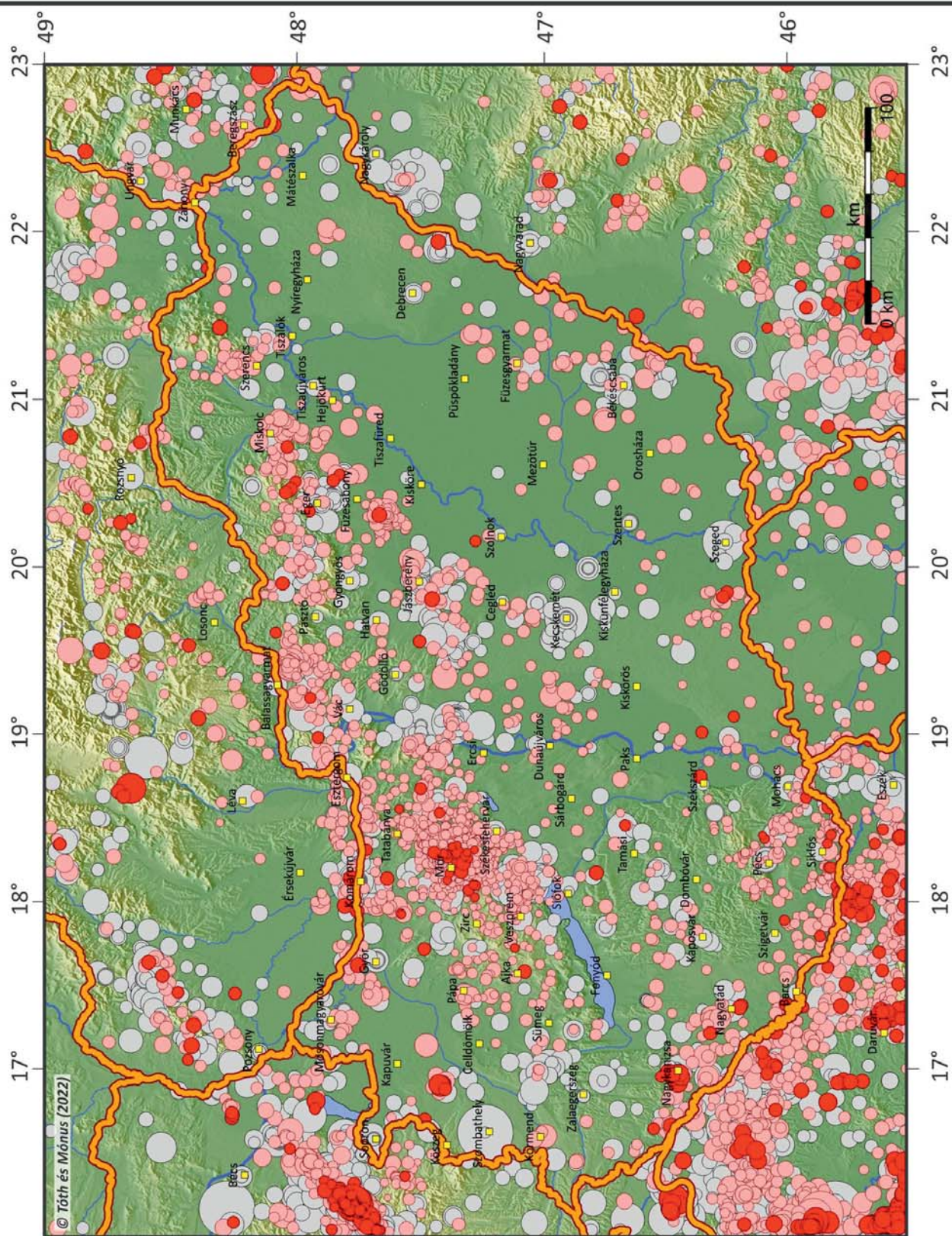
The *instrumental intensity (IIS)* is calculated from the data of the hypocentre of the earthquake, taking into account the amplitudes of soil movement measured at each station, the attenuation by distance, and the local geological effects (V_{s30}).

| | | | | | | | | | |
|------------------------------------|----------|---------------|-------------|-------------|------------|-------------|----------------|-----------|------------|
| PERCEIVED SHAKING | not felt | weak | light | moderate | strong | very strong | severe | violent | extreme |
| POTENTIAL DAMAGE | none | none | none | very light | light | moderate | moderate heavy | heavy | very heavy |
| PEAK ACC. (m/s²) | < 0.017 | 0.017-0.14 | 0.14-0.39 | 0.39-0.92 | 0.92-1.8 | 1.8-3.4 | 3.4-6.5 | 6.5-12.4 | >12.4 |
| PEAK VEL. (m/s) | < 0.001 | 0.001-0.011 | 0.011-0.034 | 0.034-0.081 | 0.081-0.16 | 0.16-0.31 | 0.31-0.60 | 0.60-1.16 | >1.16 |
| INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

Reference:

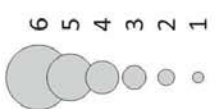
C. B. Worden; M. C. Gerstenberger; D. A. Rhoades; D. J. Wald:
 Probabilistic Relationships between Ground-Motion Parameters and Modified Mercalli Intensity in California
Bulletin of the Seismological Society of America (2012) 102 (1): 204–221.

Magyarországi földrengések / Seismicity in Hungary

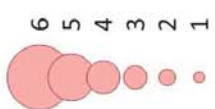


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